2018 TALENT DIRECTORY

Recruit a UBC Master of Engineering Leadership graduate to drive your strategy forward

Candidates available for full-time employment

Program completion: December 2017
Master of Engineering Leadership (MEL) 2018 Graduate Profiles

Recruit a UBC MEL graduate to drive your strategy forward. Starting now, we have a group of MEL graduates looking for full-time opportunities.

- Among the top universities in the world: 40
- Ranking for Canadian engineering universities: 2
- Male students: 66%
- Female students: 34%
- Average age: 32
- International students: 39%
- Speak 2 or more languages: 77.6%
- Average years of work experience: 6.7
- # of students: 67
Our Programs

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MEL in GREEN BIO-PRODUCTS  17
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MEL in INTEGRATED WATER MANAGEMENT  21
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Why choose a UBC Master of Engineering Leadership graduate?

To achieve business excellence and continued growth you need exceptional people.

Graduates of UBC’s Master of Engineering Leadership (MEL) programs are hand-picked for our program, and highly motivated professionals who have decided to take their careers to the next level with our intensive 12-month degrees.

With an average of 6.7 years of work experience, success in the MEL programs has enabled these practicing professionals to excel, broadening their technical perspectives and acquiring new business and leadership skills they need to help your business function at the highest level.

What sets MEL graduates apart from other master’s graduates?

Graduates have received a specialized degree that has prepared them for leadership roles in their field — the intense course schedule combines technical knowledge in engineering with business management and leadership courses taught by instructors in the UBC Sauder School of Business.

Our Master of Engineering Leadership graduates bridge the gap between engineering and business.
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Graduates are equipped with cross-functional technical and business skills to work as experts in automotive, aerospace and manufacturing sectors. They possess the skills and expertise to research, develop, test and optimize new multi-material manufacturing solutions to lighten cars and planes, and reduce their environmental footprint.

“Having this credential and the year of experience at UBC studying alongside other students with diverse professional backgrounds has boosted my overall confidence.” — Matthew Smale MEL’17
Dominic Mak

LinkedIn: linkedin.com/in/dominic-mak-engd

Experienced executive with demonstrated history of working in the polymers research and mechanical and industrial engineering industries. Skilled in negotiation, product development and business development. Strong entrepreneurship professional with comprehensive senior management experience in small-to-medium-size original design manufacturing operations; specializes in material research and development, process re-engineering and manufacturing technology transfer from the US and Europe into Asia-Pacific.

Key Accomplishments

- Developed and successfully commercialized injection molding grade of elastomer-based polymers with enhanced properties and cost efficiency to replace natural rubber for the pet industry
- Developed and launched elastomer-based materials with enhanced properties and cost efficiency to replace natural rubber products for the pet industry
- Developed lean philosophy processes and vertically implemented them throughout material research and product development stages to improve manufacturing throughput and cost efficiency

Work Experience

Research Consultant, Paradise View Ltd. (Hong Kong)
Co-Founder and Chief Executive Officer, Paradise View Manufacturing Group Ltd. (Hong Kong/China)
Chief Executive Officer, Pacific Mega Holdings Ltd. (Hong Kong/China)
Chairman and Chief Executive Officer, MM Technology Ltd. (Hong Kong/China)

Education

- Master of Engineering Leadership (MEL) in Advanced Materials Manufacturing, The University of British Columbia (Vancouver, BC, Canada)
- Engineering Doctorate, Eco-composite Polymers, City University of Hong Kong
- Executive Master of Business Administration, City University of Hong Kong
- Bachelor of Science (Design and Technology), Engineering Design and Technology, City University of Hong Kong
Sohreet Rehal

linkedin.com/in/sohreetrehal

Results-driven, self-motivated engineer with more than five years of expertise in oil and gas industry working in three operational service lines generating treatment designs, providing technical expertise and interacting with stakeholders thus successfully completing various projects. Utilized analytical and technical skills to resolve real-time issues during job planning and execution. Excellent ability to adapt to new environments, work with cross-functional teams and generate new ideas.

Key Accomplishments

- Experience managing multi-million dollar projects across three different operational divisions
- Utilized analytical skills to solve operational issue during various winter drilling projects
- Demonstrated the ability to effectively multi-task and deliver results in an environment of shifting priorities and tight deadlines

Work Experience

Technical Specialist, Calfrac Well Services (Calgary, AB, Canada)
Field Engineer, Baker Hughes (AB, Canada)
Field Professional Associate, Halliburton (Nisku, AB, Canada)

Education

- Master of Engineering Leadership (MEL) in Advanced Materials Manufacturing, The University of British Columbia (Vancouver, BC, Canada)
- Bachelor of Technology, Mechanical Engineering, Punjab Technical University (India)
Graduates are poised to bring high-level technical ability matched with valuable business skills to the fast-growing field of clean energy. They have developed the technical capacity to minimize environmental impacts, promote geopolitical stability and enable economic diversification. They have broadened their skill sets to become leaders within sustainable energy systems, energy distribution networks, environmental energy and the societal impacts of energy choices and use.

“*The skills we developed are a reflection of the traits employers are seeking.*” — Ryan Prosser MEL’17
Miguel Arias Herrera

Miguel Arias Herrera is a founding partner of INGAL Ltda., a Chilean medium-sized engineering and construction company dedicated to developing hydraulic and irrigation projects in Chile. Self-motivated and results-driven, he has led the expansion of the company into different regions of the country. Excellent communication skills, proven ability to adapt to challenges. He holds a degree in civil engineering from Universidad de Concepcion, Chile. Fluently bilingual in Spanish and English.

Key Accomplishments

• Served as CEO of INGAL Ltda. (2012-2016), engaging stakeholders and working together with water users’ organizations and local First Nations communities while communicating effectively with private and governmental entities

• Awarded the Government of Chile’s “Becas Chile” scholarship for post-graduate studies overseas. The program aims “to train advanced human capital in all areas of knowledge, to ultimately contribute to scientific, academic, economic, social and cultural development of Chile”

Work Experience

Project Engineer, PROCIVIL Ingenieria (Chile)
Founding Partner, INGAL Ingenieria y Construccion Ltda. (Chile)
Chief Executive Officer, INGAL Ingenieria y Construccion Ltda. (Chile)

Education

• Master of Engineering Leadership in Clean Energy, The University of British Columbia (Vancouver, BC, Canada)

• Diploma in Renewable Energy, Universidad de Chile (Chile)

• Bachelor of Science in Civil Engineering, Universidad de Concepcion (Chile)
Arash Zaree

Arash Zaree is a qualified industrial engineer with eight years of professional experience in business development and project management. Arash received his Project Management Professional (PMP®) accreditation five years ago and has directed mega projects in the energy and mining sector, taking each one from initial concept design to delivery. He also has hands-on experience in dynamic modeling in a variety of financial applications. More specifically, he worked with the National Iranian Copper Industries Company (NICICO) and the first Iranian Independent Power Producer (Mahtaab Gostar). A graduate of the Master of Engineering Leadership in Clean Energy program at UBC, Arash has both technical expertise and business acumen to manage projects, prepare business cases, discuss engineering concepts and perform trade-off analyses.

Key Accomplishments

- Planned and supervised construction of a 5000 tone/year copper hydrometallurgy plant which resulted in on time and budget delivery of the project.
- Setup an integrated project portfolio reporting system that made for 20% increase in the company cash flow and on time delivery of the drawings
- Development of a business case for the first 100 MW wind farm in Iran
- Consolidated cash flow of an energy company with a portfolio of 3000 MW which resulted in 10% lower capital expenditure

Work Experience

- Budget and Technology Lead, Arian Mahtaab Gostar (Iran)
- Project Planning and Controlling Lead, Canymes (Iran)
- Project Coordinator, Canymes (Iran)

Education

- Master of Engineering Leadership in Clean Energy, The University of British Columbia (Vancouver, BC, Canada)
- Bachelor of Science in Industrial Engineering, Iran University of Science and Technology (Iran)
Swathi Bhat

.linkedin.com/in/bhatswathi

Swathi is an electrical engineer who is sincerely passionate about electrification of the transportation sector and decarbonisation of the power grid.

Concurrent to her master’s program at UBC, Swathi has been collaborating with award-winning public enterprises in Vancouver to both develop and assess the impact of business models to improve access to electric vehicle charging infrastructure. Previously, Swathi spent 3.5+ exciting years as an engineer designing safety-critical electrical infrastructure for iconic railway projects, all the way from tendering to detailed design, as a part of a geographically dispersed multi-disciplinary team within WS Atkins plc. Swathi is fortunate to have lived and worked in Bangalore, London, and Vancouver.

Key Accomplishments

• Youngest engineer in the company to be promoted to lead the electrical engineering discipline of multidisciplinary capital projects (January 2015)

• Recognized as an “outstanding performer” (top 1% in the business) for “significantly exceeding role expectations and making a profound impact on the company” over two consecutive years (2014-15 and 2015-16)

• Collaborated with public enterprises to design a business model for direct current fast charging stations in British Columbia that can potentially turnaround the current business by improving the net present value of investment by 400% with a payback in less than five years

• Awarded a total of 11 merit scholarships, over the course of bachelor’s and master’s degrees, in recognition of exceptional academic performance

Work Experience

Graduate Researcher - Electric Vehicle Infrastructure (Advanced Transportation), Powertech (Vancouver, BC, Canada)

Greenest City Scholar - Electric Vehicle Infrastructure (Climate Policy Division), City of Vancouver (Vancouver, BC, Canada)

Electrical Design Engineer - Railway (Transportation and Infrastructure), Atkins (India/UK)

Education

• Master of Engineering Leadership (MEL) in Clean Energy Engineering, The University of British Columbia (Vancouver, BC, Canada)

• Bachelor of Science in Electrical and Electronics Engineering, PES Institute of Technology - CGPA: 9.34/10, ranked second in a cohort of 120 students (India)
Long-standing experience in consulting services and clean tech investment management industry with demonstrated exceptional ability to perform project management, project development, business development, training and capacity building, feasibility study, technology assessment, financial modeling, energy modeling, energy audit and climate risk assessment. Successfully oversaw large-scale renewable energy, energy efficiency and environmental projects involving stakeholders from both private and public sectors and confidently led teams to achieve their goals. Passionate about working with people, including experience working with cross-cultural teams in Asia, EU, US and Canada.

Key Accomplishments

• Performed incremental cost study and solar PV analysis to develop a business case for social housing retrofit to Net-Zero Energy in BC
• Conducted scenario analyses, developed a Greenhouse Gases (GHG) modeling tool and advised senior staff at the City of Maple Ridge on what tiers of the BC Energy Step Code should be adopted for different building types to support the GHG emissions reduction targets
• Led an Energy and Resource Efficiency Program, implemented at 28 strategic apparel and footwear suppliers in Vietnam, for two multinational corporations; resulted in total annual savings of US$15 million in water, energy and chemical costs
• Excellent track record in the successful creation, leadership and delivery of over 30 major international projects and programs in renewable energy, energy efficiency, climate change, corporate sustainability and environmental management

Work Experience

Consultant, Energy, Environment and Sustainability (SE Asia/Canada)
UBC Sustainability scholar, City of Maple Ridge (Canada)
Principal Renewable Energy Advisor, Deloitte Consulting (Vietnam)
Consultant, Energy and Resource Efficiency, International Finance Corporation (Vietnam)
Director, Environment and Renewables, Indochina Capital (Vietnam)

Education

• Master of Engineering leadership (MEL) in Clean Energy Engineering, The University of British Columbia (Vancouver, BC, Canada)
• Master of Engineering, Environmental Engineering, Vietnam National University (Ho Chi Minh City, Vietnam)
• Engineer, Chemistry - Foodstuff Engineering, Ho Chi Minh University of Technology (Ho Chi Minh City, Vietnam)
• Bachelor of Technology, Mechanical Engineering, Punjab Technical University (India)
Manish Soni

Results-driven, highly organized and self-motivated project management professional (PMP) with strong business acumen and thirteen years of international experience in engineering and project management. Successfully led the full spectrum of large-scale energy projects from feasibility studies, basic design, and detail design to engineering procurement and construction (EPC) and confidently led teams to achieve project goals within the budget and on schedule. Experienced in leading, managing and contributing to projects involving multiple disciplines for the entire project life cycle, from initiation, planning, execution, and control to closing. Fast and continuous learner with experience working in four countries and diverse multi-cultural environments.

Key Accomplishments
- Implemented innovative value engineering solutions leading to cost savings of USD $2 million in an EPC project
- Successfully led mega-size energy industry projects and experienced in managing large multicultural teams
- Led the successful implementation of a new licensed technology in an industrial plant
- Demonstrated the ability to perform effectively and deliver high-quality results under tight schedule environment

Work Experience
- Energy Engineer, Sacré-Davey Engineering (North Vancouver, BC, Canada)
- Senior Process Engineer – Manager, Daelim Industrial Co. Ltd. (South Korea)
- Senior Process Engineer, Lummus Technology a CB&I Company (India)

Education
- Master of Engineering Leadership (MEL) in Clean Energy Engineering, The University of British Columbia (Vancouver, BC, Canada)
- Master of Technology (M.Tech) in Chemical Engineering, Indian Institute of Technology (India)
Passionate about analyzing market trends of new energy technologies and their technical potential to decarbonize conventional energy systems. Worked in the energy industry for nine years, applied engineering management and business skills to solve supply chain efficiency problems. Successfully led a number of technical and organizational projects. Experience in managing people, equipment, procedures and budgets. Leveraged communication and leadership skills in working with diverse teams, giving presentations to senior leaders and negotiating contracts.

Key Accomplishments

- Led annual maintenance budget of $2.2 million for 14 fuel storage plants, designed a ten-year strategy to ensure a decrease in equipment breakdown costs and reduced turnaround downtime by 90% within three years
- Conducted operational efficiency audits, analyzed gaps in operating procedures and implemented infrastructure debottlenecking to enhance process efficiency by 40%
- Developed feasibility proposals for capital projects worth $10 million, developed charters, reviewed change management registers, validated hazards and effects management plans and signed off on pre-commissioning safety reviews

Work Experience

- MEL Capstone Project, Carbon Initiative (Vancouver, BC, Canada)
- Reliability & Integrity Engineer, Shell (Pakistan, Oman, UAE)
- Terminal Operations Coordinator, Shell (Pakistan)
- Receipts & Storage Operations Manager, Shell (Pakistan)
- Distribution Business Analyst, Shell (Pakistan)

Education

- Master of Engineering Leadership (MEL) in Clean Energy Engineering, The University of British Columbia (Vancouver, BC, Canada)
- Master of Business Administration, Cardiff University (UK)
- Bachelor of Science in Mechanical Engineering, University of Engineering & Technology (Pakistan)
- CSCP - Certified Supply Chain Professional, APICS (USA)
Graduates are positioned with a unique combination of technical and business skills to lead implementation of data-driven decision-making, insurance of software dependability and optimization. They are prepared to excel in high-profile leadership positions — armed with the communication skills and technical capability to ensure functionality of large computer systems.

“\textit{I now know so much more about business and project management, and I’ve enhanced my team work and communication skills. I see myself playing a role as a key team member sharing technical strategies to achieve business goals.}” — Krupa Harthi MEL’18
Graduates are highly qualified personnel with the specialized knowledge and practical experience to assume challenging roles in the rapidly evolving lignocellulosic biomass products sector. As students, they gained a comprehensive and integrated understanding of the chemistry and anatomy of the tree, production pathways for biocomposites and fuels, and the spectrum of potential green products and fuels.

“I have the technical background in chemistry and bioproducts, as well as the business acumen to understand the fundamental business issues.” — Michael Coulson MEL’17
Osama El Tabaa

Versatile and self-directed professional engineer with hands-on expertise in directing and managing engineering projects from initial planning phase to final project deployment. Repeated success leading teams in process design and the development of critical startup and operational process specific to the smooth operation of oil and gas facilities (LNG, NGL, GTL and oil Refineries). Adept at leading collaborative, cross-cultural project teams, authoring project plans and coordinating efforts of internal/external resources to meet project demands. Talented in forging solid relationships with strategic vendors/partners to ensure successful delivery of project milestones.

Key Accomplishments

- Led process teams in expansion projects at multiple oil refineries, effectively delegating tasks, managing budgets, and meeting aggressive deadlines.
- Commissioned and started up two natural gas liquid (NGL) recovery plants
- Reduced and modified Fischer-Tropsch reaction water chemical treatment
- Improved molecular sieve dehydration package and modified the thermal regeneration cycles for natural gas processing facilities

Work Experience

Senior Design and Execution Engineer, Royal Dutch Shell (Egypt)
Senior Process Engineer, Oryx Gas-To-Liquid Refinery (Qatar)
Senior Process Engineer, CB&I Lummus (Netherlands/US)
Project/Process Engineer, LNG terminal facility, United Gas Derivatives (Egypt)
Project/Process Engineer, Gas Distribution & NGL complex, GASCO (Egypt)

Education

- Master of Engineering Leadership (MEL) in Green Bio-Products, The University of British Columbia (Vancouver, BC, Canada)
- Post Graduate-Diploma in Applicable Chemical Engineering, Cairo University (Egypt)
- Bachelor of Science in Chemical Engineering, Cairo University (Egypt)
- Registered Professional Engineer (PEng), Engineers & Geoscientist British Columbia
- PMP® - Project Management Professional, PMI
Growing up on an orchard in the Okanagan, I cultivated a strong interest for sustainability and nature that sparked a seven-year career as an environmental professional. Throughout my experience at an environmental consultancy, I built a proven track record of delivering multi-million dollar projects on time and within budget for over 30 clients on 50+ projects. For the last four years as a Field Program Manager, I developed advanced project management and core leadership skills. With a strong affinity for team-based environments, I’ve established strategies to effectively plan and execute large-scale projects while simultaneously being a source of motivation and support to colleagues and clients. By leveraging my professional experience, the technical and business knowledge acquired during my UBC master’s degree studies, I feel I can advance the development of innovative technical processes and products for green alternatives. The push to produce these products and services is increasing, as are the challenges to meet this demand. I believe my education and work experience provide a strong skill set to ideate effective and practical solutions to meet these challenges. I look forward to contributing my work ethic, ambition and fun spirit to inspire positive impacts to my communities and work environment.

Key Accomplishments

- Managed planning, execution and monitoring of four energy field programs with budgets over $4 million
- Authored 200+ technical and regulatory related reports for senior management, clients and stake-holders
- Innovated a multi-million dollar project to reduce planning costs and enhance stakeholder communications through recommendation and implementation of 360-degree immersive video tool.

Work Experience

- Field Program Manager, Integrated Environments Ltd. (Calgary, AB, Canada)
- Regulatory Application Lead, Integrated Environments Ltd. (Calgary, AB, Canada)
- Project Coordinator, Integrated Environments Ltd. (Canada/International)

Education

- Masters of Engineering Leadership in Green Bio-Products, The University of British Columbia (Van-couver, BC, Canada)
- Bachelor of Science in Environmental Science, University of Calgary (Calgary, AB, Canada)
Graduates have acquired a mastery of sector-specific skills within energy systems, green architecture and energy modelling applications to be able to design state-of-the-art building systems. The integration of leadership skills within technical topics including data-driven analytics, regenerative design and strategic innovation positions students as highly valuable leaders who are equipped to excel in the building sector.

The first cohort of students will be eligible for hire upon program completion: December 2018
Graduates are prepared with a complex toolset of technical skills and business knowledge to lead in roles that pertain to water resources, hydrology, treatment and distribution, and waste management. The combination of training in leadership and business, paired with specialized course work and interdisciplinary exploration of advanced engineering theories and real-world applications in topics ranging from coastal engineering to water pollution control has these graduates poised to become leaders in this field.

“I look forward to using my extended knowledge of water management when communicating with various specialists and leading exciting projects that improve our world.” — Christina Cholkan MEL’17
Amir Assadizadeh

LinkedIn: linkedin.com/in/amir-assadizadeh

I am a civil engineer with over 12 years of experience on municipal and hydro technical projects. My diverse background includes project management, design, tendering and construction supervision of sanitary, storm and water utilities, as well as road design. I have been involved in the environmental assessment, design tendering and construction of water and sewage systems, associated municipal infrastructure and marine works. I have been responsible for liaising with federal, provincial and municipal Government departments in the reporting for such projects. I have also performed inflow and infiltration studies, and underground utility rehabilitation assessments. I have worked for contractors and consultants, and have a comprehensive understanding of the civil engineering industry. I received a Master of Engineering (MEng) focused in Integrated Water Management from the University of British Columbia.

Key Accomplishments

• Produced civil designs for various public highway projects, including storm drain and retention systems
• Demonstrated ability to effectively manage multi-faceted projects and deliver results in an environment of shifting priorities and tight deadlines
• Managed a team of two engineers and four draftsmen in the civil design of different municipal projects

Work Experience

Civil PEng & Associates, Omega Engineering & Associates (Langley, BC, Canada)
Civil Designer/QA-QC, Duz Cho Construction (BC, Canada)
Head of Engineering Department - Civil Engineer, Nimrokh Company (Iran)
Engineer in Training, Iranian Mines Training and Extracting Services Co. (Iran)

Education

• Master of Engineering Leadership (MEL) in Integrated Water Management, The University of British Columbia (Vancouver, BC, Canada)
• Master of Science in Civil Engineering, Amirkabir University of Technology (Iran)
• Bachelor of Science in Civil Engineering, Amirkabir University of Technology (Iran)
Hadi Husaini

I have more than four years of experience in the water management sector as a research assistant, hydrolgy and hydro-technical engineer and a water department manager. This included feasibility and detailed design studies of multi-hazard risk assessment projects, designing irrigation systems and directing and managing projects. I also worked as the consultant for the Ministry of Energy and Water in Afghanistan as hydro technical consultant.

Key Accomplishments

• One of two students asked to speak at the “Smart Cities Challenge Media Launch” at UBC’s CIRS building on November 24, 2017. She presented key findings on behalf of her team’s research conducted earlier that year on Citizen Engagement & Big Data. The Mayor of Vancouver and Canada’s Defense Minister were in attendance, along with members of the press. Article: apscpp.ubc.ca/news-events/smart-cities-challenge

• Presented, with team members, to officials from the City of New Westminster on best practices to include in their Intelligent City Strategy (April 2017)

• Retained an 85% average during her Master of Engineering Leadership program

• Landed employment at GHD in her final semester of the MEL program, as an Asset Advisory Consultant

• Participated in two Habitat for Humanity builds overseas (Portugal and Guatemala), where she witnessed poverty first-hand and contributed to building homes for two very special families in need

Work Experience

Field Assistant, Frontier Geosciences Inc (Vancouver, BC, Canada)
Consulting Department Manager and Hydro technical Engineer, Omran Holding Group (Afghanistan)
Project Coordinator, Toossab Consulting Engineers Company (Afghanistan)
Municipal Drinking Water Inspector, Ministry of Urban Development and Housing (Afghanistan)

Education

• Master of Engineering Leadership in Integrated Water Management, The University of British Columbia (Vancouver, BC, Canada)
• PCSWMM and EPA SWMM5 modeling certificate (Vancouver, BC, Canada)
• Master of Science in Water Resources Engineering, Ferdowsi University of Mashhad (Iran)
• Bachelor of Science in Water Engineering, University of Birjand (Iran)
Graduates are uniquely equipped with integrated training in engineering and physics of ship design and broad business and leadership capabilities. They are prepared to manage complex shipbuilding design and procurement programs, and have become fully qualified in ship project management. As a result of instruction ranging from ship hydrodynamics to sustainability and leadership, graduates are ready to assume high-level leadership roles and be of incredible value to any team.

“The MEL program, with its inclusion of high-level business and leadership courses, is excellent at preparing people to make a difference in industry.” — Donghee Kim MEL’17
Graduates are prepared to assume the professional responsibilities of managing all facets of urban infrastructure systems and the business acumen to act as a leader in high-level roles. Their education has prepared them to approach infrastructure systems through a societal context that enriches all stages of planning, design, and project delivery. Skills ranging from strategy and innovation to efficient electric power systems poise graduates to be uniquely valuable.

“My education and training have given me the ability to approach challenges from a systems perspective and to develop out-of-the box solutions... so that I can thrive in a fast-paced, team-oriented environment.” — Kimberly Buechert MEL’18
Pouyan Keshtkaran

LinkedIn: linkedin.com/in/pouyan-keshtkaran

Internationally trained civil engineer experienced in construction industry. In addition to the ability to perform as an integral part of a team and to work independently with minimal supervision, has a commitment to providing high-quality service. A capable and motivated individual who consistently performs in dynamic and challenging environments. Educated with a master’s degree in civil engineering with a specialty in hydraulic structures.

Key Accomplishments
• Experienced in the management of construction sites, ensuring the most productive use of materials, labor and time
• Familiar with the concepts of Asset Management Planning and Value Engineering in urban infra-structures
• Experienced in the construction of drainage and sewer systems
• Proven ability in the facilitation of relationships between employers, consultants and contractors on construction sites

Work Experience
Construction Manager/Site Supervisor, Sara Arse Pars Dirman Co. (Iran)
Official Judicatory Expert in Civil Engineering, Official Expert Organization of Fars Province (Iran)
Faculty, Azad University (Iran)
Structure Designer/Construction Supervisor, self-employed (Iran)

Education
• Master of Engineering Leadership (MEL) in Urban Systems, The University of British Columbia (Vancouver, BC, Canada)
• Master of Science, Civil Engineering, Major Hydraulic Structures (Shiraz University, Iran)
• Bachelor of Science in Civil Engineering (Shiraz University, Iran)
Joan Brink

- linkedin.com/in/joan-brink

A pioneer seeking systems to develop and implement. Leading and supporting organizational system changes. Working with stakeholders to develop an implementation plan. Researching new systems not deployed at the organization before. Deploying system while updating system requirements as stakeholder requirements are refined. Following through changes to stakeholder satisfaction.

Key Accomplishments

- Researched and designed SharePoint-based lessons learnt logging and sharing system, company-wide global implementation of the system
- Rolled out alarm management program, reduced spurious alarms by 90%

Work Experience

  Transportation Engineer, TransLink (New Westminster, BC, Canada)
  Project Manager, Rockwell Automation (South Africa)
  Control Systems Engineer, Sasol Technology (South Africa)
  Engineer in Training, Sasol Nitro (South Africa)

Education

- Master of Engineering leadership (MEL) in Urban Systems, The University of British Columbia (Vancouver, BC, Canada)
- Bachelor of Science in Electronic Engineering (First Class), University of Pretoria (South Africa)
Licelotte Carvajal

Professional with ten years of experience in the construction of civil works and in the surety insurance industry leading technical teams, interacting with different stakeholders and mediating various interests.

Key Accomplishments

• Founded the risk control department at JMalucelli Travelers Seguros, a company that provides surety and civil liability insurance products and services
• Managed and controlled a book of insured projects for USD $10 million associated with surety insurance policies, written by JMalucelli Travelers Seguros, for core construction and infrastructure projects in Colombia
• Worked on more than five construction projects, including the development of commercial malls, housing and business projects, for a total value of USD $25 million. Coordinated multidisciplinary teams of more than 100 people (consultants, subcontracts, planners and general workforce) and managed communication with external partners (clients, providers, contractors)

Work Experience

Risk Management Director, JMalucelli Travelers Seguros (Colombia)
Site engineer, Prabyc Ingenieros Ltda (Colombia)

Education

• Master of Engineering leadership (MEL) in Urban Systems, The University of British Columbia (Vancouver, BC, Canada)
• Bachelor of Science in Civil Engineering, Escuela Colombiana de Ingeniería (Colombia)
Suma Jose

Green Infrastructure/Urban Sustainability Enthusiast

Architect with more than four years of experience in green building practices, urban smart city design and planning. Possesses expert knowledge of sustainable architecture and landscape practices, as well as an innate sense of creativity in designing aesthetically attractive and livable utilitarian urban spaces. Worked on global projects with varied cultural contexts and challenges, and has an aptitude for collaborative team building and sustainable business acumen.

Key Accomplishments

• Developed green design concepts based on value engineering principles and LEED standards for an urban design project ("Blatchford Redevelopment Project" in Edmonton, Alberta) to understand and measure smart city initiatives
• Strong track record of developing LEED-certified buildings and sustainable community projects
• Passionately led cross-functional teams to advance strategic planning and met corporate project deadlines through highly effective leadership and communicational skills
• Won the prestigious “Newcomer Engagement Award” at the 2016 Heart of Wood Buffalo Leadership Awards for exemplary community involvement within first year of residence in Fort McMurray, Alberta

Work Experience

Consulting Landscape Architect, Archaeological Survey of India (India)
Consulting Architect, Kuriekal Projects, and Contractors Pvt. Ltd (India)
Junior Architect, Ajit Associates (India)
Architect Trainee, Total Designers (India)

Education

• Master of Engineering Leadership (MEL) in Urban Systems, The University of British Columbia (Vancouver, BC, Canada)
• Master of Architecture, Landscape Architecture, Anna University (India)
• Bachelor of Architecture, Anna University (India)
Kevin Chen

Civil Engineering professional with three years experience in numerous municipal, commercial and energy projects. Dedicated to improving sustainability and livability in the urban landscape, focused on front-end engineering, strategic alignment, asset management, digital transformation and project management. Effective communicator, systematic problem-solver, energetic leader, multi-disciplinary collaborator and strategic thinker who knows how to leverage the power of data analytics and implement a “structured thinking” approach to solve complex problems.

Key Accomplishments

• Evaluated City of Vancouver’s engineering material sustainability practices, identified gaps, isolated operational bottlenecks and recommended plan of action. Engaged dialogue between City of Vancouver and City of Yokohama on asphalt remanufacturing
• Delivered exceptional value for clients in comprehensive range of large capital projects: Shell Albian Sands tailings dam instrumentation, Suncor Fort Hills expansion, Hamilton Transit Centre, Coquitlam Burke Mountain Development, BC Hydro Ruskin Dam, Port of Vancouver expansion, CNRL Horizon tank farm expansion and YVR McArthur Glen Outlet Mall
• Developed UBC prototype Wi-Fi occupancy data model to support campus planning & operations in Infrastructure Development, Sustainability, Engineering, Energy and Water, Building Operations, and Campus and Community Planning

Work Experience

Greenest City Scholar, City of Vancouver Engineering Operations (Vancouver, BC, Canada)
Civil Engineering Technologist, Thurber Engineering (Vancouver, BC, Canada)
Asset Management Intern, AMEC Environment & Infrastructure (Vancouver, BC, Canada)

Education

• Master of Engineering Leadership (MEL) in Urban Systems, The University of British Columbia (Vancouver, BC, Canada)
• Bachelor of Science in Animal Biology, The University of British Columbia (Vancouver, BC, Canada)
• Diploma in Civil Engineering, British Columbia Institute of Technology (Vancouver, BC, Canada)
Kimberly Bueckert

Self-driven and motivated, Kimberly has four years of work experience as a Geographical Information Systems Specialist working in the Vancouver commercial real estate industry. Her technical work experience has provided her with the strong analytical skills required to thrive in a fast-paced work environment. Her completion of the Master of Engineering Leadership Degree has further developed her communication, presenting and networking skills. She is currently working as an asset advisory consultant, where she is able to engage in strategic thinking and optimization planning to improve clients’ asset management strategies.

Key Accomplishments

- One of two students asked to speak at the “Smart Cities Challenge Media Launch” at UBC’s CIRS building on November 24, 2017. She presented key findings on behalf of her team’s research conducted earlier that year on Citizen Engagement & Big Data. The Mayor of Vancouver and Canada’s Defense Minister were in attendance, along with members of the press. Article: apscpp.ubc.ca/news-events/smart-cities-challenge
- Presented, with team members, to officials from the City of New Westminster on best practices to include in their Intelligent City Strategy (April 2017)
- Retained an 85% average during her Master of Engineering Leadership program
- Landed employment at GHD in her final semester of the MEL program, as an Asset Advisory Consultant
- Participated in two Habitat for Humanity builds overseas (Portugal and Guatemala), where she witnessed poverty first-hand and contributed to building homes for two very special families in need

Work Experience

Asset Advisory Consultant, GHD (Richmond, BC, Canada)
Intern Development Coordinator, Cedar Coast (Vancouver, BC, Canada)
Geographic Information Systems Analyst, CBR Ltd (Vancouver, BC, Canada)

Education

- Master of Engineering Leadership in Urban Systems, The University of British Columbia (Vancouver, BC, Canada)
- Advanced Diploma in Geographic Information Science, British Columbia Institute of Technology (Vancouver, BC, Canada)
- Bachelor of Arts in Geography, Simon Fraser University (Vancouver, BC, Canada)
Syed Athar Ali Bukhari

An Engineering and Management Professional with diversified experience in portfolio management of infrastructure, construction and project management, asset management, sustainability, facilities and real estate development, high-performance buildings, telecom infrastructure, engineering design, power-related projects, HVAC and MEP. Expertise in monitoring and controlling all phases of multimillion-dollar projects. Ability to develop robust strategic and tactical project plans and feasibility models, capable of achieving corporate goals and objectives. Skilled leader, communicator, trainer and facilitator with expertise in delivering strong leadership to complex cross-functional teams in order to drive projects to completion on-time and within budgetary parameters. Adept at project risk analysis, stakeholder management, leading procurement and tendering activities and managing all project financials. PMI member.

Key Accomplishments

- Worked in leadership roles for public and private sector organizations
- Successfully completed Telecom Data centers for Telenor; data centers are sensitive installations for telecom infrastructure with civil, power and precise HAVC requirements
- As a project manager, successfully led the construction and development of buildings (office, residential, call centers) covering an area of around three million square feet, at a cumulative cost of approximately five million USD
- Saved millions of dollars in projects through implementation of six sigma process and operational excellence
- Elected Vice President of MEL Urban Systems 2017
- Worked with industry on following projects:
  - City of New Westminster for smart cities initiatives: Multimodal transportation and smart signaling
  - City of North Vancouver: Asset Management
  - City of Edmonton: Planning and Development of Blatchford project

Work Experience

Senior Manager, Projects and Facilities, Telenor
Manager, Infrastructure Deployment, Telenor
National Manager Real Estate Projects/Construction Project Manager, Telenor
Senior Project Engineer, Meinhardt Group

Education

- Master of Engineering Leadership in Urban Systems, The University of British Columbia (Vancouver, BC, Canada)
- Master of Business Administration - Finance, Institute of Business Management (Pakistan)
- Bachelor of Science in Civil Engineering, NED University of Engineering and Technology (Pakistan)
Master of Engineering Leadership
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