

Lan Muhamed

9876 Here Street
Lake Country, BC

250-111-2222
lmuhamed@email.com

PROFILE

- Educational foundation in the design, manufacturing, testing, installation, operation and maintenance of mechanical equipment along with one year of mechanical engineering experience gained through two Co-op work terms
- Strong mechanical aptitude evidenced through repairing bicycles, lawn mowing equipment, and OEM pipe forming and finishing equipment during a Co-op work term with ABC North America
- Excellent teamwork ability having collaborated effectively with a classmate to create a torque testing device with a minimum lead time between design and fabrication and winning first prize in a 3D Printing Redesign Competition
- Acute attention to detail demonstrated by producing detailed specifications and outline designs as part of a Mechanical Engineering Co-op work term
- Proficient in AutoCAD, Solidworks and Microsoft Office Word, PowerPoint, and Outlook; advanced use of Excel and Access

EDUCATION

Mechanical Engineering Technology Diploma

September 2016 – Graduation: December 2018

Okanagan College, Kelowna, BC

- Gained working knowledge in the fundamentals of materials, structures, fluids, power, machine design, manufacturing, thermodynamics, HVAC, quality, and instrumentation and control
- Capstone Design Project: Created an autonomous, torque testing device utilizing the XYX 3D Printer; Received First Place in the XYZ Extreme Redesign Competition

High School Diploma

2016

Kelowna Secondary School, Kelowna, BC

PROFESSIONAL EXPERIENCE

Mechanical Engineering Student (Co-op Position)

May – August 2018

ABC North America, Camrose, AB

- Assisted the engineering team in providing project stakeholders and sponsors with finished projects in a timely manner by communicating collected information, leading department meetings, and creating and maintaining project documentation
- Collaborated to prepare engineering design, specification and/or recommendations in OEM pipe forming and finishing equipment, equipment selection and specification, mechanical design details, safety improvement projects and product quality improvement initiatives

Mechanical Engineering Student (Co-op Position)

May – December 2017

XYZ Company, Vernon, BC

- Contributed to helping improve safety and reliability by collaborating with a team to design and implement cost-effective equipment modifications
- Supported the mechanical engineering team by developing, testing, and evaluating theoretical designs, producing details of specifications and outline designs, and recommending modifications following prototype test results
- Prepared quality product reports by collecting, analyzing, and summarizing information

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PROFESSIONAL EXPERIENCE (continued)

- Maintained professional and technical knowledge by attending educational workshops and reviewing professional publications
- Kept equipment operational by coordinating maintenance and repair services and following manufacturer's instructions and established procedures

Bicycle Mechanic

September 2017 – May 2018

Mountain Equipment Co-op (MEC), Kelowna, BC

- Ensured efficient service by assembling, maintaining, and repairing bicycles within MEC's productivity, quality, and safety guidelines
- Built connections with customers by sharing a passion for an active lifestyle, asking open-ended questions to build loyalty, and demonstrating product knowledge
- Mentored and trained frontline staff about bike repair processes and procedures

Seasonal Grounds Person

June – August 2016

Greens Country Club, Somewhere, BC

- Ensured a positive golfing experience for golfers by mowing greens and fairways, raking and maintaining bunkers, weeding flower beds, and seeding divots
- Recognized as 'Rookie of the Summer' for enthusiasm, attendance, and quality work

VOLUNTEER EXPERIENCE

Seniors Outreach Volunteer

(3 hours/week) 2016

Seniors Outreach and Resource Centre, Kelowna, BC

- Helped provide outreach support to seniors in the community by visiting with seniors in their home, performing minor home repairs, and transporting seniors to appointments

Volunteer

(4 hours) October 5, 2015

CIBC Run for the Cure

- Supported walkers/runners during the event by setting up distance signs and handing out water

CERTIFICATIONS & PROFESSIONAL ORGANIZATION MEMBERSHIPS

CPR C with AED First Aid Certification

May 2018

St. John Ambulance, Kelowna, BC

Member

September 2018

Applied Science Technologists and Technicians of British Columbia (ASTTBC)

INTERESTS

Soccer Player

2013 - 2016

Kelowna Youth Soccer, Kelowna, BC

Taekwondo (Red Belt)

2012 – 2016

Kelowna Martial Arts, Kelowna, BC