

Ladderly Candidate, (EIT)

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EDUCATION

Bullet Legend: Action Verb + Metric or Result (\$#%) + How

University of Alberta

Sept 2016 – May 2018

M.Sc. Structural Engineering; Graduated with Distinction, Golden Student Award Scholarship
GPA: 3.0/4.0 – Ranked 19/100

University of Alberta

Sept 2011 – April 2016

B.Sc. Civil Engineering – Environmental Co-op Option; Graduated with Distinction, First-Class standing, ROV Consulting Scholarship – GPA: 3.4/4.0 – Ranked 21/139 students

WORK EXPERIENCE

Famous Oil Company XYZ

Sept 2018 – Present

Structural Engineer – Operations Department, Calgary

- Led structural operations for a 500+ personnel facility, managing all projects end-to-end from concept design to installation and execution of critical structural initiatives
- Delivered continuous improvement projects valued between \$200K–\$2M using Lean Six Sigma methodology, achieving \$500K in cost savings and reducing maintenance time by 2,000 hours through process optimization
- Oversaw 24-hour safety and operational leadership for the installation of large-scale equipment worth \$5M+, ensuring zero incidents and timely completion by coordinating with cross-functional teams

Smaller Chemical Company Canada

April 2017 – July 2017

Civil Engineering Intern, Calgary

- Designed civil road, drainage, and underground utility packages, for high-priority municipal infrastructure projects (\$20M-\$50M) in X, Y, and Z municipalities using AutoCAD and Civil3D
- Recognized by the project manager for delivering 30 road and drainage drawings within 2 weeks, enabling the project team to meet a critical milestone for a high-value client
- Optimized drainage system designs for a 15km roadway project, reducing material costs by \$50K through innovative layout adjustments and compliance with environmental regulations

PROJECT EXPERIENCE

University of Alberta, XYZ Capstone Project

April 2017 – June 2017

- Developed a novel approach for identifying high-potential student candidates and standout resumes using XYZ software and advanced ABC techniques, streamlining recruitment processes
- Analyzed the impact of poorly crafted resumes on employment outcomes, forecasting a 20% improvement in successful job placements over 4 years through proposed public policy reforms
- Earned the prestigious ABCD 2017 'Best Paper' award, with the project showcased on the Dean's "Wall of Fame," recognizing its innovation and impact in advancing career development strategies

VOLUNTEER EXPERIENCE

Ladderly, Mentor

April 2022 – Present

- Provided resume reviews, career coaching, and developed website content for a not-for-profit career coaching institution, enhancing client engagement and professional development services
- Collaborated with leadership to draft funding proposals and secure partnerships, including a strategic alliance with the University of XYZ, driving institutional growth and program expansion

ADDITIONAL QUALIFICATIONS

- Lean Six Sigma Green Belt – SSA & Company – Project on material rehandling reduction (\$xxxk/year return)
- Association of Professional Engineers and Geoscientists of Alberta (APEGA), Engineer in Training (EIT)