



EDUCATION

MECHANICAL ENGINEERING, BSc.

University of Alberta
2017 – 2021 | GPA: 3.3

SKILLS

Project Management
Project Controls & Scheduling
Construction Estimating
Mechanical Design
Problem Solving
Leadership & Teamwork
Time Management
Written & Verbal Communication

SOFTWARE

SOLIDWORKS
MS PROJECTS
ANSYS CFD
BLUEBEAM
MS OFFICE

LANGUAGES

English, Indonesian

AWARDS

Undergrad Leadership Award

University of Alberta (2020)

Global Connection Award

UALberta Students' Union (2020)

Leadership Award

William S Ziegler (2019)

Academic Excellence Scholarship

Faculty of Engineering (2017)

LICENSES

APEGA Engineer-in-Training (EIT)

SOLIDWORKS CSWA

Class 5 AB Driver's License

First Aid & CPR/AED Lvl. C

WHMIS 2018 & CCIL Type QF/QL

EXPERIENCE

PROJECT COORDINATOR

RBKS Construction Ltd. Feb. 2023 – Present

- Managed subcontractors, scheduling, progress tracking, billing, cost control, and QC/QA for 5+ concurrent commercial and residential projects
- Secured new project opportunities and change work estimates up to \$6M
- Mentored junior engineers, fostering skill development and team growth

JUNIOR PROJECT COORDINATOR / FIELD ENGINEER

Primoris Canada (PSC) – CNRL Albanian Feb. 2022 – Feb. 2023

- Assisted in managing \$30M+ project budgets, monitored progress and schedules, and initiated change proposals, leading to a 70% budget increase
- Provided technical support through quantity takeoffs, drawing revisions, calculations, recommendations, and code/standard interpretation
- Liaised with project stakeholders to address technical issues, RFIs, scope clarifications, progress reports, and financial updates

JUNIOR QC LABORATORY TECHNICIAN

Peace River Hydro Partners (PRHP) Aug. – Nov. 2021

- Contributed to PRHP's quality control team on the \$16 billion, 1100MW Site C Clean Energy Hydro Project
- Conducted concrete and soil testing, classification, and verification, adhering to CSA and ASTM standards

MECHANICAL & STRUCTURAL TEAM LEAD

Renewable Energy Design (RED) – Solar Charging Station June 2019 – Nov. 2021

- Led a 6-member team to design and manufacture RED's Solar Charging Station
- Procured and fabricated components for solar charger, wind turbine, and net-zero greenhouse projects
- Acquired grants up to \$10,000 in value to support project development

PROJECT TEAM LEAD – POWER & CAD

MDA Lunar Cargo Transportation Vehicle (LCTV) Project Sept. – Dec. 2020

- Designed CAD models and GD&T drawings for the loading interface, ensuring compliance with space standards
- Proposed solutions to meet 90-day mission cycle power requirements under extreme lunar conditions (-170°C to 100°C)
- Conducted a detailed Failure Modes and Effects Analysis (FMEA) to assess risks and identify critical failure modes

DIRECTOR OF STUDENT ENGAGEMENT & INTERIM VP INTERNAL

University of Alberta International Students Association (UAISA) May – Dec. 2020

- Collaborated in a 60-member International Students' Council elected to represent and advocate the interests of over 9000 international students

FOUNDER & PRESIDENT

Indonesian Students' Association (PERMIKA) Edmonton Jan. 2018 – Dec. 2019

- Led a 5-member directorial team and 20+ volunteers in establishing a network for Indonesian students in Canada
- Increased PERMIKA's finance by over 400% within the first year of operation