

JONAH WEYESSA

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EDUCATION

University of Alberta – Faculty of Engineering

2015 – 2020

- Bachelor of Applied Science in Electrical Engineering, Class of 2020

RELEVANT EXPERIENCE

Spartan Controls – Electrical Engineering (E.I.T)

June 2020 – November 2020

- Work with Project Managers, Mechanical Engineers, Sales Coordinators, and fellow Electrical Engineers to design industrial electrical wiring and instrumentation diagrams
- Review current standards and provide input into improvement of engineering and service processes and practices
- Conduct internal Hardware Acceptance Testing with all engineering disciplines involved in the project
- Conduct Site Factory Acceptance Testing with customers to ensure product meets and exceeds customer expectations
- Provide technical support for sales teams as required regarding engineering materials, quantity and part numbers

Kiewit Energy Canada – Electrical Engineering Intern

April 2018 – August 2018

- Worked to develop an understanding of the Canadian Electrical Code (CEC) and applied it to project specifications and standard.
- Identified and reported possible design flaws and constructability issues thereafter proposed creative solutions through collaboration with different discipline managers and stakeholders.
- Worked to understand contract structure for which Field Installation Work Packs (FIWPs) were being developed and applied it to ensure good project management structure and operational efficiency.
- Modified existing procedures to perform accurate activity and material take offs for electrical and instrumentation scope

Kiewit Energy Canada – Electrical Field Engineer

May 2019 – August 2019

- Collaboratively engaged with upper management on scheduling and work development
- Proposed engineering design recommendations to client whenever constructability issues were noticed
- Tracked, expedited, and ensured quality standards were being met when ordering materials
- Performed routine inspection walk-downs with client to ensure quality standards were being met and exceeded, helping to further enhance client-contractor relationship

Volunteer – Alberta Health Services

June 2015 - Present

- Worked to improve quality of life through interactions with the elderly and emergency room patients.
- Directed patients to designated nurses and physicians.

SKILLS

- Proficient in MCU, MATLAB, Java, C & C++, SQL Programming, Visual Basic for Excel, and Microsoft Office Suite.

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AWARDS & ACCOMPLISHMENTS

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| • DeltaV Hardware and Troubleshooting Certificate | • Jimmie Condon Scholarship for Athletic Excellence |
| • First Aid and H2S Certificate | • St. Anne's Academic Scholarship |
| • Alexander Rutherford High School Achievement Scholarship | • CYDC Player Award for Citizenship |

EXTRACURRICULAR INVOLVEMENT

University of Alberta Golden Bears Basketball

2015 - 2018

- Represented the University as a student athlete, balancing academics with a rigorous training schedule
- Took part in multiple outreach projects to give back to the local Edmonton community

Engineers Without Borders

September 2015 - Present

- Working to create life enhancing systematic change in Canada and Sub-Saharan Africa through various projects