

Isaiah Daiz

Daiz.Isaiah@gmail.com | (780) 200-9225 | Edmonton, AB | <https://github.com/Isaiahdaiz>

EDUCATION

Bachelor of Computer Science Degree - Accelerated (1 year) **Sept 2022 to Sept 2023**
Algoma University *Brampton, ON*

Related Coursework: Assembly Language Programming, Data Structures, Discrete Mathematics, Introduction to Computer Science, Computer Organization, Database Programming, Software Engineering, Systems Analysis and Analytics for Project Management

Instrumentation Engineering Technology Diploma with Honours **Sept 2018 to May 2020**
Northern Alberta Institute of Technology *Edmonton, AB*

SKILLS

Programming: Java, Python, C#, CSS, HTML, Javascript, VB, XAML, PLC, Assembly (Irvine32)

Environments: VSCode, Rockwell, Proficy (GE), Beijer, Schneider

Other: Waterfall Development Process, Git, Object-oriented Programming, React, MSSQL

PROJECTS

Traffic Citation and Reporting System (Java) - Course Project - In Progress

- Utilise Waterfall Development Process to develop a comprehensive traffic citation and reporting system to improve communication and collaboration between government agencies and enable efficient tracking of driver and vehicle information.

Windows XP Portfolio Site (React) - In Progress

- Personal portfolio site, built with React, emulates the look and feel of Windows XP. Its familiar UI elements and interactions, allows users to navigate and explore content in a nostalgic and fun way.

WORK EXPERIENCE

NCGL Construction Ltd. (BIRD Construction Subsidiary) **Aug. 2021 to Present**
PLC/HMI Programmer *Edmonton, AB*

- Design, code and test PLC (Programmable Logic Controller) and Human Machine Interface (HMI) programs while troubleshooting and debug issues that arise during the programming process.
- Perform SCADA (Supervisory Control and Data Acquisition) upgrades on live process, ensuring minimal disruption to the system.
- Travel to sites for commissioning and conduct on-site acceptance tests to ensure that the automation systems are functioning properly and meeting the client's requirements.
- Provide 24/7 on-going remote technical support and maintenance.

AWARDS

- Jason Lang Scholarship - Alberta Scholarships
- Dean's Honour Roll - Northern Alberta Institute of Technology
- Syncrude Higher Education Award Program Scholarship - Awards Canada, Syncrude
- Alexander Rutherford Scholarship - Alberta Scholarships