

Dominic Li

Skills

Technical

- Experienced with Python, C, C++, C#, Java, MATLAB, ETAP, HTML, CSS
- Proficient with Microsoft Office, Visual Studio

Leadership

- Effective project management and achieving successful outcomes on given deadlines
- Efficient use of time and resources with prioritization and clear communication skills

Education

University of Calgary, Calgary, AB, Canada
Bachelor of Science, Electrical Engineering
Minor: Computer Engineering, GPA: 3.7

September 2018 – April 2023

Experience

Electrical EIT

September 2023 – January 2024

Cognitive Systems Inc.

- Assembled and conducted quality testing on sensitive electronic measurement equipment used in high voltage variable speed drives
- Led the development of Modbus master and slave programs using C#
- Managed and designed hardware, along with inventory tracking and organization
- Created and revised comprehensive engineering documentation, including quality control checklists, installation manuals, and specification documents

Project and Technical Lead (Capstone Project)

September 2022 – April 2023

Calgary Image Processing and Analysis Centre

The objective of the project was to develop a machine learning algorithm for the sponsor to analyze DSA medical images in clinical trials at the Foothills Medical Centre for stroke patients.

- Led a team of five engineering students and worked directly with the sponsor
- Used neural networks in Python to analyze and extract parameters from medical images
- Organized and delegated workload to team, and set up weekly meetings and updates
- Created and oversaw project schedule, resulting in on-time completion of project milestones

Production Planning Analyst

May 2021 – August 2022

Home Depot Canada

- Created and maintained production plans for an operations team of over 300 associates
- Organized and led a six-month engineering time studies project to help increase productivity and create reasonable expectations through the collection of data
- Prepared and presented frequent campus health and general updates to various teams
- Analyzed more than 30,000 lines of data to generate reports and presentations on a weekly basis