

LANGUAGES KNOWN

Java: Main object-oriented language learned. Currently using Java to complete the Club Event and Management Dashboard project outlined below.

HTML & CSS: Comprehensive understanding of the markup and styling languages of the web.

JavaScript: Currently learning JS and its variants, like jQuery and applying them in a portfolio website.

EDUCATION AND HONOURS

Algoma University, 9/2021 – 5/2023

B.COSC, Accelerated Computer Science Degree, 2 year program

- Overall average of 93%

Previously taken courses:

- Intro to Computer Science
- Computer Science 2
- Intro to Data Structures
- Data Structures 2
- Assembly Language Programming
- Discrete Mathematics 1

Courses currently taking:

- Internet Tools
- Computer Organization
- Software Engineering
- Techniques of Systems Analysis
- Discrete Mathematics 2

University of Guelph, 9/2013 – 5/2018

B.Eng, Biomedical Engineering with Co-Operative Education, 5 year program

- **3.73 GPA**, Scholarship for 94% Entrance Average, Dean's Honour List
- **Certificate in Business**

Awards and Honours:

- **Executive Choice Award**, The Hub on-campus start-up incubator, Fall 2018 Cohort
- **Guelph FSAE Team**, Design member of the campus formula style race team

PROGRAMMING PROJECT EXPERIENCE

Club and Event Management Dashboard

Software Engineering Class Project, Algoma University, Ongoing

- Working on a team of 4 to create a desktop application for managing clubs and events
- Created Software Requirements Specification document
- Developed Use Cases and Wireframes for the Architecture and UI design
- Currently working on the design phase, defining classes and objects, and creating UML diagrams

WORK EXPERIENCE

Canadian Energy Strategies – Kitchener, ON

Energy Manager, 8/2018 – Present

- Offer energy management and consultation services for businesses in manufacturing, property management, school campuses, and government entities
- Help shape provincial policy surrounding government energy programs through consultation
- Provided millions of dollars worth of savings through energy management initiatives
- Managed projects for hundreds of clients throughout the country

PepsiCo Foods Canada – Peterborough, ON

Process Engineer, 5/2017 – 12/2017

- Improved the manufacturing processes surrounding the Chewy bar production: improved worker safety, worker efficiency, throughput, quality control and product uniformity. Directly provided over \$2 million in annual savings through process improvements
- Managed teams of up to 25 skilled and unskilled trades employees in a factory setting. Coached employees to improve safety and efficiency, contributed to culture shift of 100+ year plant mentalities to LEAN manufacturing and Continuous Improvement principles.
- Balanced time between multiple projects with in-house and external teams, from initialization to hand-off or completion, with clear and concise end-of-project presentations

Grand River Foods – Cambridge, ON

Project Manager, 9/2016 – 5/2017

- Was brought on to introduce a culture of LEAN manufacturing and Continuous Improvement principles, as well as save the manufacturing facility money through process improvements
- Introduced software to monitor plant operations, capture relevant metrics and opportunities
- Worked with Quality Assurance to improve policies surrounding food safety, developed SOP's for many different procedures throughout the plant in manufacturing and general operations
- Worked with employees at all levels of the company to complete projects