

Austin Varghese

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EDUCATION

University of Guelph

Bachelor of Computing, Software Engineering

CEPS Dean's Honours List achieved every semester as a full time student with above 80% average.

Guelph, ON, Canada

Sep 2019 – May 2023

TECHNICAL SKILLS

Languages: C, Python, Java, JavaScript, SQL, HTML/CSS, Bootstrap

Frameworks: Node.js, Express, JUnit

Developer Tools: Git, Google Cloud, VS Code, Slack

Libraries: JQuery, libxml2, playwright, Regex

RELEVANT COURSEWORK

- Data Structures
- Object Oriented Programming
- Design of Software Systems
- Computer Algorithms
- Linear Algebra
- Operating Systems

PROJECTS

GPX Parser Website | C, JavaScript, SQL, Node.js, Express, JQuery, HTML/CSS

Jan 2021 – May 2021

- Created a full stack web-application to display information regarding GPX files uploaded by the user, including the ability to download the GPX files itself
- Front-end implemented with HTML/CSS and Bootstrap to display front-end components
- Used JQuery / Ajax to handle API calls to the back-end
- Utilizes MySQL databases with multiple queries to save instances of GPX files uploaded on the website upon user request with front-end elements.

Electronic Store Search GUI | Java, Gradle, JUnit

Nov 2020

- Developed a Java program which allows users to add products with various details or search through previously added products, these products were stored as classes
- The GUI implemented used the Swing class
- Gradle was used as a build tool to compile and test all Java files
- JUnit was used together with Gradle to test functions of the program

University Course Scraper | JavaScript, Python, Playwright, Node.js

Jan 2022

- Developed a scraper for University of Guelph course website with team of university students
- Scraped with playwright then parsed in JavaScript to create usable JSON file
- Created CLI with Python to sort through courses from JSON
- Ability to graph selected courses into a pdf with GraphViz

EXPERIENCE

Quality Intern

Hammond Power Solutions

May 2021 – Present

Guelph, ON

- Worked on Excel Spreadsheets, Visual Basics, and SharePoint Sites using Window Programs
- Created forms using SharePoint programs to get relevant data to create Excel Sheets

Cashier

Longo's

Oct 2018 – Nov 2019

Guelph, ON

- Handled money and developed customer service skills
- Improved interpersonal skills and teamwork

EXTRACURRICULARS

DECA | *Business Competition - Achieved Provincials*

Oct 2017 – Feb 2019

HOSA | *Health and Science Business Competition*

Nov 2018 – Mar 2019