

Austin Varghese

(226) 218-9350 | austinv01@gmail.com | [linkedin.com/in/Austin-FV](https://www.linkedin.com/in/Austin-FV) | github.com/Austin-FV | austinv.netlify.app

EDUCATION

University of Guelph

Guelph, ON, Canada

Bachelor of Computing in Software Engineering - Minor in Business

Sep 2019 – Apr 2023

- Graduated with Distinction - Achieved CEPS Dean's Honours List from 2019-2023
- GPA: 85.194

TECHNICAL SKILLS

Programming Languages: Python, C, Java, JavaScript, SQL, Ruby, Dart, C++, C#, HTML, CSS

Frameworks: Node.js, React.js, Express.js, Flutter, Unity, Next.js, Ruby on Rails,

Cloud Services: AWS (Lambda, DynamoDB, S3), Azure, Google Cloud

Databases: MySQL, Firebase

Tools: Git, Figma, Docker, Visual Studio, Android Studio, JQuery, JUnit, Bootstrap, Playwright, Tailwind

EXPERIENCE

Quality Analyst

May 2021 – Apr 2022

Hammond Power Solutions

Guelph, ON

- Developed an issue tracking system that allows employees a better way to create and categorize company issues.
- Utilized **SharePoint** sites to create forms that were more manageable as the data can be easily read and accessed as **Excel Spreadsheets**.
- Maintained quality standards by reducing human errors when adding new entries into the system.
- Improved communication within the plant by directing automated emails to required personnel for issues created.
- Increased data entry speed for employees across North American plants by 40%.

PROJECTS

BloomBuddy | *Flutter, Dart, Figma, JSON*

April 2023

- Created a mobile Plant Care application to care for and manage a user's plants.
- Designed the mobile application with **Figma** and developed with the **Flutter** framework.
- Utilized **Flutter** libraries to allow users to upload images and add plants to the device's local storage.

AWS S3 Management Shell | *AWS, Python, Boto3, S3*

Jan 2023

- Developed a Python-based Command Line Interface (CLI) tool to manage folders and files within a user's **AWS** account and their local storage with simple commands.
- Utilized **Boto3** to easily access AWS API's for Python to connect to a user's **S3** resource.
- Implemented commands to copy, move and delete files between a user's S3 resource and their local storage.

UniSearch | *JavaScript, Python, React.js, Flask, NGINX*

Jan 2022 – Apr 2022

- Developed a full-stack web application using **Flask** and **React** to search and graph courses offered at the University of Guelph and University of Waterloo.
- Collaborated with a team using **Git** with **Agile Methodologies**.
- Scraped course data from official university websites with **Playwright** and stored data in JSON

GPX Parser Website | *C, Node.js, JavaScript, MySQL, Express, JQuery, libxml*

Jan 2021 – May 2021

- Developed a full stack web-application to display and edit information of GPX files uploaded by the user.
- Created with **Node.js** framework with a **C** backend.
- Implemented front-end with **HTML/CSS** and **Bootstrap** to display front-end components.
- Utilized **JQuery** / **Ajax** to handle API calls to the back-end
- Used **MySQL** databases with multiple queries to store data of GPX files uploaded.

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
- Created with Object Oriented Programming in mind.
- Utilized **Gradle** as the build tool to compile and test all Java files and functions with **JUnit** testing
- Implemented the GUI using the Swing class