

Arif Ashogbon

Major: Computer Science | Minor: Business Management

Email: aashogbon@gmail.com | Website: <https://arifportfolio.com/> | GitHub: <https://github.com/ArifAsh>

Skills

Tools: Git, Data Structures, GitHub, SQL, Web design, Microsoft Office Suite, Object-oriented Programming, bootstrap, Pygame, Node.js, Express.js, React.js, Algorithms, working with APIs.

Programming Languages: Proficient in Python, HTML, CSS, JavaScript, Java, C, familiar with R and Swift.

Interpersonal Skills: Empathic Listener and Persuasive Speaker, exceptional Collaborative skills, excellent capacity to retain new things, efficient decision-making skills, and critical thinker.

Relevant Coursework: Data Structure I & II, Mathematical Proofs and Logic, Discrete Math, Linear Algebra, Probability and Statistics, Advanced Calculus, Microprocessors, Digital Electronics

Personal Projects

Bug Tracker | Link: <https://bugtracker-arifash.netlify.app>

April 2021 – August 2021

- Built a **fullstack developer** application using **JavaScript, RESTful API, MVC (Model View Controller), Chart.js, HTML, CSS, jQuery** and the **MERN stack (MongoDB Cloud Database, Express.js, Node.js, Reactjs)**.
- The application features **user authentication** for both **admin** and **client** users, in addition to this it also has a prebuilt **demo admin** and **demo client** account to allow unauthorized users to demo the application. Admins can **manage all users account information** (edit/delete/create) with the exception of passwords. **Only** the account owners can **change their password**.
- Admins can also **delete previously reported bugs, report new bugs, and assign them to client users, edit existing bugs** and **view all active reported bugs**. Clients can view **only the bugs assigned to them by an admin**.

Sorting Visualizer | Link: <https://arifash.github.io/SortingVisualizer/>

July 2020

- Built a **react application** that visualizes **sorting algorithms**. Implemented **Quick Sort, Merge Sort, Bubble Sort, and Insertion Sort**.
- Developed with **JavaScript, HTML, and CSS** using **Visual Studio Code** and a variety of **sorting algorithms with different space complexities**.

A* Pathfinder Visualizer | Link: <https://github.com/ArifAsh/A-Pathfinder-Visualizer>

June 2020

- Developed a UI** that allows you to add barriers, pick a **start node and an end node**. Implemented the **A* search algorithm** to find the shortest possible path.
- Made with Python** using the **Eclipse IDE, best-first search algorithm, and python pygame module**.

Experience

Certified Listeners | Volunteer Experience

February 2021- May 2021

- Working with **Acuity Scheduling** using the **API** customization to regulate the number the time slots a person can schedule a week and automate the scheduling of new members.
- Set up an emotional support help line using **amazons AWS connect system** and developed new **control flows**.

WLU PHI Society of Computer Science Member | Extracurricular Experience

January 2020-Present

- Assisted and collaborated** with fellow computer science students to complete projects and build applications
- Successfully built a file **encoder** and **decoder** using the **Huffman algorithm**.

Education and Certification

Candidate for Honours Bachelor of Science

Expected Date of Graduation: May 2023

Wilfrid Laurier University, Waterloo, ON

Google IT Automation with Python by Coursera Certificate

May 2020

Six-course certificate designed by google providing in-demand skills like **Python, Git, and IT automation**.