

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, MySQL, Web design, Object-oriented Programming, bootstrap, Pygame, Node.js, Express.js, React.js, Redux Algorithms, working with APIs.

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

Highlights of Qualifications

- Relevant courses. (**Algorithms and Design, Data Structures, Software Engineering (SOLID Principles)**).
- Project experience in **HTML, CSS, JavaScript and Java** using APIs.
- Curious nature with a desire to tackle **complex solving problems and self-motivated**.

Software Developer Projects

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

Apr2021 – Aug 2021

- Built a **FullStack web** application using **JavaScript, RESTful API, MVC, Chart.js, HTML, CSS**, and the **MERN stack (MongoDB Cloud Database, Express.js, Node.js, React.js with Redux)**.
- Implemented **user authentication** along with **password encryption**.
- Designed and implemented demo admin and client accounts to allow anyone demo the app.

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

Jul 2020

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

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

Jun 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

Feb 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

Jan 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

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

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**.