Aebel Shajan – [Github](), [LinkedIn](), [Portfolio]()

Personal Bio

While at University I was able to use C++ and Python in projects, and found the workflow to be highly engaging and gratifying. I love creating side projects and experimenting with different technologies ranging from neural networks to web design. In the future I want to become a full stack web dev and lend my skills to a supportive team working on impactful projects.

Education & Existing Technical Skills

University of Manchester, MMaths&MPhys Mathematic and Physics   **2019 - 2023**
1st Class Honours

Relevant Coursework / Modules:
- *Convolutional Neural Network Dissertation* - Collaborated in a team of four, using **Google Colab IDE** and the **Tensorflow Python** library.
- *Object Oriented Programming with C++* - Developed a **C++** command line application in **VS Code** implementing object-oriented programming to simulate quantum gates and circuits.
- *Data Analysis Labs* - Coordinated with a team and executed 6 lab experiments over 2 years. Used **Pandas** and **Scipy Python** libraries to perform data analysis.

Languages:
- **Java -** Intermediate
- **C++ -** Intermediate
- **Javascript -** Advanced
- **Python -** Intermediate
- **PostgreSQL -** Intermediate

Prior Experience

Java Chat Room REST API | [Source Code]()   **03/2024**

- Used **Java**, the **Spring Boot** framework and **PostgreSQL** create the backend for a chat room web application.
- Nominated as **Project Manager** overseeing a team of 5 using the **Agile** workflow.

Fullstack Delivery Service Web App | [Source Code]()   **04/2024**

- Used the **React Javascript** library for front end and **Spring Boot Java Framework** for backend **REST API**.
- Worked in a team of 5 using **Agile** workflow over 2 weeks tracking tasks with **Trello**.
- Led the team as **Scrum Master** planning daily sprints, standups and code review on **Github**.

Subway Surfers Screen Reader Chrome Extension | [Product page]() | [Source Code]()   **01/2024**

- Used **Javascript** to create a screen reader extension for chrome.
- Used **Web Speech API** and chrome's extension API to read aloud text on the current website.
- 136 active users and 5 star rating on the Chrome Web Store.

Web Dev Contents Panel Chrome Extension | [Product page]() | [Source Code]()   **12/2023**
- Used **Python** to scrape different websites' content page html elements and store them in json files.
- Used **HTML**, **CSS**, **Javascript** to create a contents panel for quick access to web dev learning resources within chrome.

Achievements, Interests and Roles of Responsibility

Cashier | Bolton Hospice Charity   **01/2018 – 02/2018**
- Provided exceptional customer service while working as a cashier.
- Trained new volunteers, ensuring consistent service and operational standards.

Game Development   **2019 - 2023**
- Created 13 projects and games which obtained over 300 cumulative downloads.
- Partook in community events such as game jams and competitions.