

Computer Science graduate from the University of Hull, with an interest in Software Development, Electronics and Fullstack Web development.

## Education

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**University of Hull (September 2018 - June 2021) Expected Grade - 2.2**

**BSc Computer Science**

- C#, C++, Python
- Artificial Intelligence - Developed Genetic Algorithm for an existing Neural Network in C#
- Object-Oriented Programming - Created the game "Uno" in C#
- Electronics and Interfacing - Developed an assortment of small softwares for an Arduino micro controller
- System Analysis, Design and Process -
- Agile Software Development
- Data Mining

**Hull College (September 2016 - June 2018) Grade - D\*DD**

**Level 3 Extended Certificate in IT**

- Designed a taxi booking app.
- Developed team working skills while working on a database with two other students.
- Database - Developed dashboards together with a team of students for a booking system that was created in Microsoft Access.

## Experience

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**Smash Crab Studios**

- We worked on developing abilities for a mobile game.
- Worked on a replica of the Snake game within a group of other students in Unity.
- Used git and source control to make a game in a team with Unity Game Engine.

**Fantasticon**

- Worked with team members to ensure that the venues in the event had everything that they needed.
- Coordinated with team members the most efficient placement of the volunteers to be easily called for if needed.

## Projects

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**EEG Controlled Prosthetic**

Used Python to develop software that is able to control a 3D printed prosthetic by reading in real-time brain data. The software mimics an EEG brain-reading device and outputs the data similarly to what an EEG device would. The other part of the software reads in the data with the help of Sockets; the software then processes it into a graph using Matplotlib.

## Technical Skills

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**Programing Languages**

**Python**

**C++**

**C#**

**JavaScript**

**Markup Languages**

**HTML**

**CSS**

**LaTeX**

**Tools**

**Arduino**

**Adobe CC**

**Fusion 360**

**Blender**

**Languages**

**Swedish**

**Arabic**

**English**