

# JUSTIN HOWE

Year 2 Computer Science & Artificial Intelligence Student at University of Edinburgh

## CONTACT

howejust@gmail.com  
(+65) 81611990

## RELEVANT LINKS

justinhowe.me  
github.com/JHoweWowe  
linkedin.com/howejust

## TECHNICAL SKILLS

**Languages:** Java, Python, HTML, CSS, JavaScript, PHP, SQL, PDDL, XML, Haskell, C

**Tools:** Git, Eclipse, MATLAB, JUnit, phpMyAdmin, AWS, BootStrap, Android Studio

**Concepts:** Algorithms, Data Structures, Software Design, Machine Learning, Artificial Intelligence

## ACTIVITIES

Volunteer Tutor (InfPALs)  
Programming Society **Tutor**  
Table Tennis **Team Captain**

## HONORS/AWARDS

**Edinburgh Award**  
(Volunteering) | April 2020  
**Udacity, Android Basics**  
**Nanodegree** | May 2017

## EDUCATION

**BSc. Computer Science and Artificial Intelligence**  
University of Edinburgh | 2018 – 2022 (Expected)

**Relevant Courses:** Intro to Algorithms and Data Structures, Learning, Reasoning and Agents, Intro to Software Engineering, Probability with Applications, Object-Oriented Programming, Data and Analysis

**Relevant Coursework:** Federal Bike Rental System (Java), Heuristics of Travelling Salesman Problem (Python), Planning with PDDL (PDDL), Frog Data Classification and Prediction (MATLAB)

Singapore American School | Aug 2012 - June 2016

## PRIOR WORK EXPERIENCE

### Robotics Software Engineer Intern

Hand Plus Robotics | May 2020 – Present

Responsible for UI and UX design for robotics software interfaces using QT Designer and will also be using ROS to implement robotics software.

### SCDF Infocomms Operator | Oct 2016 – Aug 2018

Served in the Singapore Civil Defence Force, the nation's main agency for the provision of emergency services. Responsible for communication equipment and computer troubleshooting.

## PERSONAL BEST PROJECTS

### Untitled Recipe Project | Feb 2020 – Present

Currently co-creating a full-stack web application using HTML, CSS, JavaScript, PHP and phpMyAdmin to generate healthy, fast and tasty recipes in order to help university students decide what to cook.

### Hello World Hackathon Website | Oct 2019 – Feb 2020

As lead web developer, worked with team of ten to develop university hackathon details and implement the website using HTML, CSS and BootStrap.