

# JUSTIN HOWE

Penultimate Computer Science Undergraduate Student at University of Edinburgh

## CONTACT

howejust@gmail.com  
(+65) 81611990  
(+44) 7456534565

## RELEVANT LINKS

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

## TECHNICAL SKILLS

**Languages:** Java, Python, HTML, CSS, JavaScript, SQL, Angular.JS  
**Tools:** Git, Visual Studio Code, Software Testing, Docker, OpenCV-Python, ROS, Cloudflare

## ACTIVITIES

Programming Society  
Instructor | Sept 2019 – Present  
InfPALs Tutor | Sept 2019 – April 2020  
Table Tennis Captain & Social Secretary | Sept 2019 – May 2021

## AWARDS

**McKinsey Spring Intern - #discoverdigital** | April 2021  
Edinburgh Award (Tutoring) | June 2020

## EDUCATION

### BSc. Computer Science

University of Edinburgh | 2018 – 2022 (Expected)

**Relevant Courses:** Informatics Large Practical, Software Testing, Computer Security, Professional Issues (BCS-Accredited), Intro to Databases, Intro to Vision and Robotics, Automated Reasoning, Intro to Algorithms and Data Structures

Singapore American School | Aug 2012 - June 2016

## EXPERIENCE

### Software Engineer Intern

Ascenda Loyalty | June 2021 – Ongoing

- Working on rewards-loyalty program solutions

### Robotics Software Engineer Intern

Hand Plus Robotics | May 2020 – Sept 2020

- Collaborated with Nanyang Technological University researchers and engineers to enhance robotics solutions
- Improved scanner object detection accuracy by 75% by implementing adaptive threshold method
- Designed and implemented an AI-Powered Picking web application using HTML, CSS, JavaScript and ROS
- Assisted with DevOps practices, including writing Dockerfile for automatic software installation and web server creation

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

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

## FEATURED PERSONAL PROJECTS

Smart Recipe Generator | Feb 2020 – Present

Currently co-creating full-stack web application using HTML, CSS, JavaScript, PHP, phpMyAdmin and MySQL to generate healthy, fast and tasty recipes designated for university students.

Hello World Hackathon | Oct 2019 – Feb 2021

As Tech Lead, worked with team of nine to develop University of Edinburgh's annual beginner-friendly hackathon details, which received over 200 applicants. Also responsible for administration of hackathon's Discord server.