Joshua J. A. Harwood

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EDUCATION

University of Sussex   2017 - 2021

Computer Science and Artificial Intelligence BSc.

- President of my university's Duke of Edinburgh Society (2018-present).
  - My responsibilities include:
    - Organising socials.
    - Co-ordinating and assisting society committee members; For example, with organising society faire stalls or completing risk assessments.
    - Planning each year's expedition with our provider; This is time-sensitive and requires major planning, preparation and participant co-ordination.
    - Liaising with our student union, a task which requires filing appropriate paperwork for events and society operation.
  - I'm currently working towards achieving my own DoE gold award.
- Runner-up in my university's Global Design Challenge 2019.
- Participant team member in HackSussex 2019 hackathon.

Chatham & Clarendon 6th Form   2014 - 2017

A-Levels

- Computer Science: **B**, ICT: **C**, Business: **D**
  - I was a member of my school's cryptography club, competing in the University of Southampton's National Cipher Challenge.
  - I completed the National Citizen Service.
  - While studying, I volunteered at my local British Heart Foundation outlet.

St George's C of E Foundation School   2011 - 2014

GCSE/BTEC

- Engineering: **Distinction***, Mathematics: **B**, ICT: **B**, Business: **B**, English: **C**, Physics: **C**, Chemistry: **C**

WORK EXPERIENCE

Tesco PLC.   2019

Seasonal Checkout Assistant

- My responsibilities were:
  - Manning checkouts and self-checkouts. This primarily taught me the importance of being vigilant while you work, due to the risk of theft.

Sainsbury's PLC.   2016-2017

General Assistant

- My daily responsibilities typically included:
  - Helping customers with queries. This taught me value of customer service and how to best empathise with and assist the customer.
  - Restocking and marking down time-limited food stock; These helped me build proactivity and demonstrate a keen awareness towards my job, since mistakes could end up harming customers.
  - Performing waste food disposals.
  - Completing any paperwork related to my duties, an activity that helped me develop basic administrative skills.

TECHINCAL SKILLS & PROJECTS

Language & Runtime Environment Experience

Competent
- Java (2 years)
  - JUnit testing framework
  - JavaFX GUI library
- Python (1 year)
- SQL [MySQL/MariaDB] (2 years)

Moderate
- HTML5/CSS3 (1 year)
- C++ (6 months)

Rudimentary
- ANSI C
- JavaScript & Node.js
- PHP

Technical Skills

Git	I recently attended a workshop where I learnt Git. This allowed me to work in tandem with my teammates on our hackathon project entry, *Dirty Diplomats*.
Linux	I use Ubuntu and Raspbian distros on a semi-regular basis, and have experience with Debian, Arch and Mint.

Personal Projects

Dirty Diplomats (on-going)

An SMS-based social espionage game I contributed to at HackSussex 2019. The server is written in Node.js and leverages the Twilio API and the Express web framework to send and receive text messages to/from participants.

This was my first experience using Node.js and JavaScript as whole and taught me a great deal about both, as well as using external APIs.

After the event my hackathon team decided to continue developing this project; We meet up weekly to discuss contributions we can make to it long-term.

GENERAL SKILLS & INTERESTS

- **General Skills:**
  - Customer service, team working, time management, adaptability, determination.
  - Good knowledge of Microsoft Word, PowerPoint, Excel and Access.
- **Interests:**
  - Hiking, exercising
  - Music, playing guitar
  - Software development, computer hardware & ecosystems
  - Gaming (on PC), retro console software/hardware modification