

Jay Massey

jaymassey98@gmail.com – 07450123428 – Moving to Brighton (from Worthing), able to commute.

I am a Computer Science graduate with a keen interest in microcontrollers and low-level languages, alongside a love of taking complex designs and making them run more efficiently. I have 5 years of experience designing various embedded systems in an academic environment, both as an individual and as part of a larger team. My current goal is to pursue a career path that will allow me to further improve and diversify my current skill set.

EDUCATION

University of Brighton

BSc (Hons) Computer Science

09/2017 - 09/2020

Graduated with a 2:1 honours degree. Achieved a 1st in various modules; several of these are below.

- **Agile Methodology** – Managed projects effectively through a variety of agile model practices.
- **Data Structures** – Utilised linked lists and backtracking to develop efficient process schedulers.
- **Embedded Systems** – Designed a range of Arduino circuits operating C and assembly language.
- **Mathematics** – Learned a variety of discrete concepts, including logic, set theory and calculus.
- **Programming** – Developed numerous object-oriented Java programs to solve a range of tasks.

A further breakdown of various embedded systems that utilised microcontrollers are listed below.

- **Analog Systems** – Carried out tests on various circuit prototypes with interconnecting subsystems.
- **Communication Protocols** – Communicated via assembly language code between two systems.
- **Wireless Communication** – Packaged data sent via the start-stop protocol on a wireless network.

Also have experience in DBMS, HCI, HTML & CSS, JavaScript, JML, OCL, Perspectives, Python, Requirements Analysis, SQL, TCP/IP, and UML. A variety of projects are available at <https://jaymassey98.github.io/portfolio>.

Previous Education

09/2011 - 09/2017

- Electronics AS (B), Mathematics AS (B), Physics AS (C) – 13 GCSEs, 6 A's, 5 B's, 2 C's, incl. 2 A's in English.

WORK EXPERIENCE

Peacocks, Hove

Duty Manager

11/2016 – 04/2019

- Led a fast-fashion retail chain store for 2+ days a week, during my superiors' days off for a year.
- Promoted from key holder after demonstrating excellent store knowledge and leadership skills.
- Supervised sales teams of 4 - 8 people to deliver a consistent high standard of customer service.
- Supported my manager's direction to guide the team into reaching their target figures and KPIs.
- Experienced in handling payroll, cashing up and banking to ensure the store operated efficiently.

PERSONAL

Additional Skills – Driving; entertaining; first aid trained; live presenting; Microsoft Office, especially Excel.

General Interests – Bouldering; designing; gaming; ice skating; philosophy; strength training; overclocking.