Jay Massey

Currently in Worthing but moving shortly.

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I am a Computer Science graduate with a keen interest in programming and embedded electronics, alongside a love of making complex designs more efficient. I have 5 years of coding experience as an individual and as part of a team. My current goal is to pursue a career that will allow me to further develop and diversify my skill set.

Looking for a full-time, software development role that is commutable (or remote workable) from Brighton.

A variety of computer science projects are available to view at **https://jaymassey98.github.io/portfolio**.

Education

University of Brighton   *Brighton, East Sussex*
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.
- **Embedded Systems** – Designed circuits operating C, bare metal / assembly code, and RTOS.
- **Mathematics** – Learned a variety of discrete concepts, including logic, set theory, and calculus.
- **Programming** – Produced numerous Java, Python, C#, and C++ object-oriented programs.

A further breakdown of various topics that focused on blending software and hardware are listed below.

- **Systems** – Carried out tests on coded circuit boards containing PIC and AVR microcontrollers.
- **Networks** – Packaged IoT data on Ethernet, Bluetooth, USB, and Wi-Fi, via UART and TCP/IP.
- **PCB Design** – Produced detailed PCB layouts from designed circuitry and self-made schematics.

Also worked with Git (incl. Software Control), HCI, HTML & CSS, JavaScript, JML, Lua, OCL, Requirements Analysis, SQL, UML, and Visual Studio. Currently learning about Linux and VHDL for FPGA programming.

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, East Sussex*
Duty Manager   **11/2016 – 04/2019**

- Led a fast-fashion sales retail team 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 teams of 4 - 8 people to deliver consistent KPI's and high standard customer service.
- Experienced in handling payroll, cashing up and banking to ensure the store operated efficiently.
- Merchandised multiple stores, aiding them to reach the same high sales I achieved in my store.

Also have experience in designing highly efficient PC systems, with all voltages and timings manually adjusted based on specific stress tests results. Each group of variables are changed based on binary searching for efficient testing, minimising the time needed to ensure a stable system that also has an increased relative performance.

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.