James Wallis

Studying BSc (Hons) Computer Science

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Personal Profile

A highly motivated, professional final year Computer Science undergraduate seeking a graduate opportunity in the computing sector to further develop skills and contribute to a company's successes. A hard working, self-motivated individual who can work alone or as part of a team. Strengths include the ability to make rational judgements and solve problems logically with a planned approach.

Education

The University of Portsmouth, BSc (Hons) in Computer Science.   **(2015 – 2019)**
Predicted Grade: 1ST.
The degree is focussed on studying the topics of: Programming and maths, Computer Architecture, Database Design and Development, Web Foundations and Network Fundamentals. The course combines practical projects and theoretical study with group and solo work. This, combined with my placement year at IBM, has helped me develop technical and transferable skills in:

- **Web Development Languages:** HTML5, CSS3, JavaScript, Node.js and PHP.
- **Programming Languages:** Python, Java (Using the BlueJ and Netbean IDEs), Haskell and Bash.
- **Containerisation Systems:** Docker and Kubernetes
- **Time Management:** Constantly re-evalutating time spent on certain projects to ensure that I can get the highest grade in all subjects. I have utilised this skill in every subject so far and at IBM where I worked in two week agile iterations and had to ensure that any work I was assigned to was finished in a single iteration.
- **Team Work:** Regularily worked in a team ranging from three to six people to complete coursework projects. Able to inspire and motivate team members and help them learn how to complete any task to a high professional standard. During my placement at IBM I was part of an agile nine person team. Took part in daily scrums to give status on work items. Willing to ask questions to the team and provide help when asked upon.
- **Report Writing:** Strong analytical skills enabling me to take various sources of information and communicate what I have found in a structured and coherent way. Use Microsoft Word to present findings in the manner of a persuasive argument through a written report. Wrote a Literature Review in my first year on the topic of Sustainable Computing which I received a first grading for.

Ashlyns School   **(2010-2015)**
A-Level: ICT: A, Extended Project Qualification: B, Government and Politics: C, History: D.
GCSE: 10 GCSE's A-C including Maths: A, ICT: Merit, English Language and Literature: B & C.

Relevant Experience

IBM   **University Placement year (July 2017 – July 2018)**
Spent my placement year working at IBM Hursley as a software developer. Worked heavily on Microclimate, an application specialising in development for containerised environments. Also developed features for the appmetrics products which focus on application performance monitoring.

- Worked on a major IBM product, Microclimate, from its prototype to its general announcement.
- Obtained expertise in Node.js, bash, Docker, Kubernetes and Git while developing a containerised application.
- Took part in many status calls with IBM executives and Microclimate stakeholders providing my own ideas and opinions while discussing what features should implemented.
- Contributed to an open source projects such as appmetrics-dash, javametrics and generator-nodeserver.

Wallis Consultancy (wallisconsultancy.co.uk)   **Ongoing project (July 2016 - Present)**
Started as a summer project which consisted of overhauling my Dad's business website. I now look after it and make changes when he requests them.

- Built a new user friendly design to replace his outdated non-responsive layout.
- Gained further knowledge on HTML5 & CSS3 as well as introducing myself to PHP and JavaScript. Building the website enabled me to practice and implement skills learnt at university and by completing external work in a real world environment.
- Released a professional website which is used as the main platform to push the business to customers.

Personal Website (james-wallis.com)   **Owner & developer (July 2016 - Present)**

My personal website used to forward my career in the Computing sector. The site acts as an online portfolio showing off my own work.

- First built using a Bootstrap3 template, gaining knowledge with HTML frameworks.
- Plans to rebuild from scratch with the skills I now have to give the website a personal touch.
- Applying skills learnt in Web Scripting in JavaScript to gain practice in an area that I have a great interest in.

Potten End First School   **IT Support (September 2016 – September 2017)**

Summer Work Experience at Potten End First School which led to a paid position on return from University at Christmas.

- Overhauled an outdated computer system to install a new operating system and necessary programs.
- Merged an existing server with new computers in order to create a network used for file storage.
- Explained changes made to the computers to teachers in layman's terms.

O2 Head Office   **Work Experience (March 2012)**

A week's work experience at 02's head office in Slough.

- Created and reviewed a presentation based on the O2 project 'Think Big' which encouraged young people to become involved in technological advancement, additionally I contributed to the project meetings.
- Acquired knowledge on how O2's system architecture is configured.
- Met a range of stakeholders with different roles at O2 in a professional environment which aided in my development of my communication and network skills.

Other Experience

Salsa Mish (salsamish.co.uk)   **Part time/on call (2014 – Present)**

Salsa Mish is a major salsa club that takes place every Friday in St Albans. Has only a small team of around 10 people. Started with Mish asking me to fill in for a team member in the car park but has turned into me being his go-to person when a regular team member cannot make it as I have experience in every job he needs doing.

- Work in a fast paced environment with the club needing to be set up and closed down within 30 minutes.
- Learned to be versatile as I have to perform a variety of roles which I get assigned on the night.

Deliveroo   **Cycle Courier (September 2016 – July 2017)**

Deliveroo is a UK company which provides an online food delivery service. My role was to pick up food from a restaurant and deliver it to the customer.

- Focussed on delivering the food to the customer in a safe but expeditious time.
- Promote the company by talking to the public and answering questions about what we do. Deliveroo is relatively new to Portsmouth.

Martin's Pond   **Waiter (October 2012 – August 2016)**

Martin's Pond is a small village pub that is very popular for its fabulous food. I worked in a busy and challenging environment as a waiter at all times. This job included running food and drinks and ensuring that all guests were happy.

- Built up my confidence and gained experience in building relationships with guests as ensuring that customers enjoyed their experience in the restaurant was a top priority.
- Strengthened my ability to negotiate with guests and compose myself during difficult situations while having conversations with customers to solve the conflict.
- Sold raffle tickets for charity events that the restaurant supported, leading me to sell them on many occasions as I was seen as an effective salesman.

Kumon   **Instructor/Tutor (September 2010 – September 2015)**

Once a week after school, I worked with the local Kumon club. Kumon is a tutoring company centered on developing a student's individual instruction using carefully crafted worksheets.

- Taught primary and secondary school students Maths and English.
- Able to convey a complex problem in a simple manner leading to the student being able to solve it themselves.
- Developed time management skills in order to distribute and mark work at the same time as providing assisting students with their work. All this had to be done in a two-hour period.

Activities / Interests

- Keeping up-to-date with the latest technology, such as home automation.
- I have been sailing from a young age, and still love being out on the water. It was one of the main reasons I decided to study at Portsmouth University. Sailing has taught me good team work as performing a manoeuvre without communication could potentially capsize the boat.