

Robert Taylor



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Profile

I am an enthusiastic student on a BSC (Hons) Computing course at Bournemouth University. I have a passion for software and web development – because of this, I have established skills in C# (.NET & WPF), Java, HTML 4/5, CSS 2/3 and PHP. I pride myself on doing everything to the best of my ability and I am not satisfied until a job is done correctly.

Education

Bournemouth University (2015 – 2019)

BSc (Hons) computing:

First year: First overall

Grade breakdown:

- Computers and Networks: 82.75%
- Programming: 74%
- User-Centered Web Development: 71.50%
- Business and Professional Issues: 70.50%
- Systems Analysis and Design: 69.70%
- Relational Databases: 66%

Second year: First overall

Grade breakdown:

- Project Management and Teamworking: 92%
- Infrastructure Strategy: 68%
- Application Programming: 62.61%
- Systems Design: 60.5%
- Network and Software Engineering: 84%

Third year: Placement (see next page)

Fourth year: Current

Key Skills

Programming languages:

- Java
- C#
- Python
- PHP

Markup languages:

- HTML 4/5
- CSS 2/3

Interests

Raspberry Pi & IOT Devices:

I purchased my first Raspberry Pi in 2012 and immediately fell in love with the opportunities it presented. Over the past few years I've used multiple Pi's for:

- Samba/AFP file shares
- Media centers using Kodi
- AirPlay audio servers
- HomeKit server for bedroom lights
- VPN access into our network

Linux & Open Source Software:

I have had a keen interest in Linux since owning my first laptop – the idea of having complete control is very tantalizing.

Video games:

I have had an interest in video games from a very young age – from the original PlayStation up to modern PC gaming.

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Industry Experience (2017 – 2018)

As part of my sandwich degree, I spent a year working in industry. I worked in the mobile application team at Cognito iQ, which gave me valuable experience in working with software. My role involved feature implementation, bug finding/fixing, testing, code reviewing and some Scrum responsibilities.

I found the year to be invaluable in offering an insight into the world of software development. I learned how to properly use version control solutions (Subversion and Git) and adapted into a Scrum workflow. Cognito's mobile app consists of multiple layers, which gave me experience with C++, C#, Java, JavaScript, HTML and CSS. I learned a lot about hybrid app development and Android development.

Most of the work was completed using C++ and Java, however I did work on several side projects using C# (WPF/.NET).

I was also trusted with creating releases on several occasions, including producing release notes.

Employment History

Customer service assistant, Tesco (2014 – 2017, 2018 - Present)

My role on customer service is to ensure every customer leaves the store satisfied with our services. Due to this I have to constantly adapt to different situations to ensure I give the best service possible.

Examples of work

I have examples of my work on my personal website, available at <http://robtaylor.info> and on my GitHub profile at <http://github.com/RobJTaylor>.

References available upon request.

Other Experiences: Cisco University Challenge 2016:

I travelled to Cisco's offices at Bedfont lakes in October 2016 to participate in their yearly university challenge. As part of team Bournemouth, we were given the challenge of creating a project using the internet of things. We finally settled on the concept of using low energy Bluetooth tags, coupled with a Raspberry Pi to keep track of students around schools. The system then sends messages (using Cisco's Spark API) to parents, giving them peace of mind. We all had a great time at the offices and loved the event – I will certainly be participating again.

Professional Networks:

LinkedIn:

www.linkedin.com/in/robtaylor96

GitHub:

www.github.com/RobJTaylor

Personal Website:

www.robtaylor.info