Ollie Yerburgh

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**EDUCATION**

**BSc Information Technology with Business– September 2016 – June 2019 – 1:1**

University of Sheffield

* Third year modules include Experiencing Genysys, where a landing page and marketing strategy was created for a real customer using agile processes and Ruby on Rails, Mainframe Computing, where I gained a professional understanding of mainframe computing, Critical Evaluation of Industrial Opinion, where I critically evaluated practises and issues prevalent in the IT sector, Web Technologies where I gained an understanding of current web technologies using Node.js, Finance and Law for Engineers which gave me an insight into financial and legal matters which will be relevant to engineers in practise. Throughout the year, a dissertation project will be completed which will entail creating a complex Amazon Alexa skill using AWS Lambda written in Node.js and a Python implementation to predict cryptocurrency prices.
* Second year modules include Business strategy, Organisational behaviour, Human Centred Systems Design using Java swing and SQL, Software Hut using Ruby on Rails and PostgreSQL, Marketing and Making Ideas Happen, where a succinct business plan is to be created.
* First year modules included Web design through HTML, CSS and JavaScript, Java programming, Software engineering using Ruby and agile methodologies, Economics, Accounting and Finance for managers, Behaviour at work and Management themes and perspectives
* Took part in Global Engineering Challenge, where engineers from different specialties were put in a team where we had to present a solution to get more power to a small town called Bambui to peers and alumni. Alumni voted my team as the best presentation. Also, took part in Engineering; You’re Hired, where my group of engineers had to formulate an effective method of ‘making homes smarter’. My work scored me a distinction in this.

**A-Levels, June 2013 – June 2015**

Marling Sixth form, Stroud

Psychology (A), Economics (B), Maths (C), Physics AS Level (C)

**GCSE’s, June 2011 – June 2013**

Marling School, Stroud

11 GCSE’s including maths (A) and English (A)

**IT skills and projects**

* Developed a system for a real client using Ruby on Rails which needed to be completed by a strict deadline. Communication through meetings and Slack as well as meeting with client to ensure product is as envisioned. Took a leading role in this project, as other group members were not interested. This helped me dramatically improve my skills in Ruby, JavaScript, HAML, SASS and PostgreSQL. I also wrote over 200 Unit and End to End tests.
* Developed a landing page for a client using Ruby on Rails. The landing page had useful functionality including a metrics page which would help admins make decisions. We used HAML, SASS, Coffee and Ruby with a PostgreSQL database. I also wrote over 100 end to end tests using capybara.
* Developed a dental practice booking, payment and user management system to a specification for a group project. We developed a swing GUI and linked this to a SQL database. Here, our group had to deal with one group member never meeting us, meaning we had to be efficient but thorough with our Java programming and communication to meet the deadline
* Developed a job searching website for a group project using Node.js with express and a MongoDB database
* Designed and developed a web app to a specification for a group project using Sinatra. Here we had to work well as a team, communicating via Slack and using GitHub to check progress. I worked mainly on SQL and testing using Cucumber and MiniTests
* Created my own portfolio page which can be found here:

<https://ollieyerburgh.github.io/>

* Developing a blog site using Jekyll, mainly writing articles about things that I found difficult at university to help others out. Although not yet life, posts can be found on my GitHub
* Developed an Amazon Alexa skill using Node.js with a Python machine learning implementation. The skill can be found on the Amazon Skill store in the US by searching ‘Crypto Info’
* After discussing how to randomly allocate bedrooms for my student house, I developed a list generator which, when given a number of bedrooms and names of housemates, randomly orders names in an ascending list. This was developed using Java
* Developed game of Connect 4 using Java
* Designed and built personal PC aged 13

WORK EXPERIENCE

Bar/front of house – January 2016 – May 2016. The Hog, Horsley, Nailsworth

##### Responsibilities and skills learnt:

* Learnt how to manage time effectively by prioritising tasks during busy service
* Improved teamwork and communication skills by working with others for all tasks to be completed to an appropriate standard

**Bar Manager – May 2016 – September 2016.** The Hog, Horsley, Nailsworth

Responsibilities and skills learnt:

* Improved the working relationship between kitchen and front of house, which led to an increase in productivity and helped to lower stress
* Conducted the cash reconciliation at the end of each shift, and resolved issues if there were any
* Dealing with rude customers has taught me to be resilient. This trait allows me to take constructive criticism without it affecting me adversely
* Improved my teamwork even further, as I had to delegate tasks to make sure the team would run smoothly
* Managed the cellar, including changing and cleaning barrel lines, organising stock, conducting stock checks, taking deliveries and notifying manager when I saw stocks were low

**PERSONAL INTERESTS**

* Passion for Arsenal FC, supporting them at games with friends whenever we can
* Member of the University of Sheffield Skiing Society for the past 2 years, where I have regularly attended freestyle skiing practise sessions as well as the university skiing trip. Being a part of this society has helped me to make a good group of friends who share similar interests