

Harry Fitzgerald

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Highly motivated Computer Science undergraduate at the University of Portsmouth with a passion for web-based technologies. Seeking a twelve month placement in the software industry.

Relevant Experience

Eli Lilly and Company

Developer

July 2017 - September 2018

- Followed a mixture of Agile KanBan/Agile Scrum to produce internal tools.
- Used Node.js as well as React, Webpack and Babel for production of bespoke internal tools.
- Developed webapps as a full stack developer, in a team of 4 placement students.
- Trained in lean six sigma.
- Attend 3 daily scrums and contribute to discussions.
- Liaise with business analyst and stakeholders locally and over conference calls to gather requirements.

Languages: Node, JavaScript (ES2015+ Transpilation), SASS, HTML5 and CSS

Frameworks: React, Express, Hyperledger Fabric & Composer

Platforms: Heroku, Contentful, Github (incl. Github projects)

Education and Qualifications

University of Portsmouth

MEng Computer Science

Sept 2015 - July 2020

Year 2 Grade: 84% (First Class Honours)

The course so far mixes theoretical study with practical projects, allowing the development of valuable technical skills in:

- **Web Script Programming:** HTML5, CSS3, JavaScript (ES2015+), Node.js.
- **Programming Languages:** Python 3, JavaScript/Node.js (ES2015+ and Node 10), Golang, Java and Shell scripting.
- **Time Management:** Ensuring that deadlines are feasible while still maintaining time for hobby and friends play vs work - prioritising workload over all else whilst still maintaining relationships and ensuring deadlines are realistic.
- **Network Planning:** Using Microsoft Visio and Riverbed to design efficient networks for a large fictional corporation.
- **Communication and Teaching:** Regularly work in group of five to six people to complete coursework and assignments. Coached the less proficient programmers to understand the work, achieve greater grades than they would have done.
- **Teamwork and Leadership:** Coordinated group of 3 to complete large assigned project encompassing 50% final grade, motivating group to be as good as they can be. Ensuring that group meetings stay on course.

- **Problem Solving:** Use of Java to complete complex programming assignments and compete in programming competitions. Developed keen eye for detail by procedurally completing computer programs, ensuring that they were without error.
- **Research and Report Writing:** Performed analysis on a wide variety of sources to gain good understanding of current knowledge to perform comprehensive analysis on sustainability of computing. Communicated findings in well structured fashion, using Microsoft Office to organise and present sources and findings - utilised university library and Google Scholar for sources.

South Downs College

Sept 2012 - July 2015

- A-Levels: Mathematics (B), Physics (C), Computing (C).
- AS-Level: Use Of Mathematics (C), Information Technology (D)

Neville Lovett Community School

Sept 2007 - July 2012

- 8 GCSEs: (4 Bs, 4Cs) including Mathematics, English and Triple Science.

Employment Experience

Tudor Lodge Care Home

Afternoon Cook

2011 - Present

- Headed team of kitchen assistants and delegated tasks to ensure that tasks such as feeding 50+ residents, were finished before deadlines.
- Showed high levels of customer care and initiative by creating new menu items for residents with dysphagia.
- Addressed customer feedback by successfully proposing new menu changes with upper management.
- Preparing daily food and drinks trolleys, ensuring that residents' dietary requirements are met.
- Used teamwork and communication skills to coach kitchen assistants to high standards required by kitchen.
- Following strict kitchen procedures and guidelines to aid maintain high EHO food hygiene rating.

Interests

- Collaborative programming using 'Github'. Developed teamwork on side projects with friends, including a fully functioning chatroom robot. Such programming aids in keeping close attention to detail to ensure no errors in the program.
 - One such program was an IRC bot - "Sadbot". Designed in bash, with the idea that it would be able to use "modules" written in any other language - allowing anyone to develop for it.
 - Currently working on fork of friend's module for "Awesome" window manager, "Daze" - a new clean way of tiling windows.
- Enjoy listening to music - local music scene in Southsea allows me to socialise with friends and pass time listening to preferred music.

References Available Upon Request