Harry Fitzgerald

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Highly motivated second year 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

UoP IT Society   **Front End Web Developer (Volunteer)**   **Sept 2016 - Present**

- Adapted code written by previous web developers to ensure proper maintenance of society website, such as Django and Materialize.
- Collaborate with Back End Web Developer and VP Technology to ensure that website is presented properly and functional.
- Utilised Git and GitHub for version management of site code to collaborate with Back End Web Dev and keep track of existing code.
- Learn new technologies as required.
- Attend committee meetings and contribute to discussions.

Education and Qualifications

University of Portsmouth   **MEng in Computer Science**   **Sept. 2015 - July. 2020**

Grade to Date: First Class Honours (88%)

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

- **Web Development Programming:** HTML5, CSS3, PHP, jQuery and JavaScript.
- **Programming Languages:** PHP, Java, Python, JavaScript, Golang, Shell scripting.
- **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 Python 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.
- **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.

South Downs College   **Sept 2012 - July 2015**

- **A-Level**: 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

- Maintain a personal website with a basic blogging engine and basic image hosting engine with PHP/MySQL backend, to learn fundamentals of web hosting on a LAMP server. (http://hjf.io)
- 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. (http://github.com/hjfitz)
  - 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 great music.

References Available Upon Request