Daniel Hearn

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Personal Statement

Second year Computer Science undergraduate at the University of Portsmouth with experience in designing and developing modern websites and object-oriented software within my University projects, freelance work experience and self-taught projects.

Education

University of Portsmouth   **2016 - 2020**

BSc (Hons) Computer Science - First Year Average Mark 85%

This degree is focussed on studying the topics of: Data Structures and Algorithms; Software Engineering; Functional Programming; Advanced Programming; Computer Architecture; Web Development; Network Fundamentals; and Database Design and Development.

This course combines theoretical study, practical project work, and developing technical and transferable skills in:

- Designing and developing object-oriented programs using Python and Java according to the design principles of object-oriented programming within various programming projects.

- Working effectively within and leading teams to complete projects, co-ordinating a team of 6 students and their actions using: Slack to communicate, Trello to manage tasks and regular meetings to update project progress and maintain the project's momentum.

- Efficiently producing independent work, managing deadlines and balancing unit workloads in database and programming projects through the breaking down and prioritization of tasks.

- Producing project briefs and requirements documentation for MySQL database and software engineering projects by extracting and organising user and software requirements.

John Colet School   **2009 - 2016**

- A Levels incl, Double Award (Equivalent to two A-levels) Applied ICT (**BC**) and Communication and Culture (**B**).

- GCSE 8 Grade B-C including English (**C**) and Maths (**C**).

Work Experience

Interiors of Aylesbury — Freelance Website Development   **September 2017 - November 2017**

- Independently worked with client to develop a website according to project milestone deadlines.

- Established website requirements based on client's brief.

- Produced website designs, style guide, and functional prototypes based on user requirements.

- Replaced previous website host with custom WordPress installation.

- Constructed and implemented custom WordPress theme using HTML, CSS and PHP to maintain the brand style.

- Developed website's text content

- Taught WordPress interface, features, content management to client.

Languages

English: Native

Korean: Beginner (reading, writing and speaking)

Hobbies and Interests

- Designed and developed a web app for viewing multiple livestreams from the video game live streaming website Twitch.tv.
    - Developed due to the Twitch.tv communities' need for a modern web app with greater functionality than existing competing apps.
    - Designed with Adobe Experience Design and developed in HTML, CSS (CSS Variables, SCSS), AngularJS, with Git for version control.
    - Web app live at **danielhearn.co.uk/manytwitch**.
- Designed and developed an informational website that teaches the basics of the Korean language.
    - Developed due to the demand for a responsive, straightforward website that demonstrates how the Korean language and alphabet work.
    - Designed with Adobe Experience Design and developed in HTML (Pug), CSS (SCSS), VueJS, with Git for version control and Gulp for automation and greater workflow efficiency.
    - Website live at **thekoreanhandbook.com**.
- Passionate interest in designing and producing personal web-development projects.
    - Active on the front-end development website Codepen (social web development website) where I share my own code, fork and improve other member's code and assist other members with ensuring their code is concise and efficient.
    - Self motivated in learning new languages, tools and libraries within web development including modern JavaScript features and frameworks including React, Angular2 and VueJS.
    - Expanding my development knowledge to include back-end languages including PHP and Node.js.
    - Small web projects, code snippets and experiments available on **codepen.io/danhearn**.
- 3D modelling and animation.
    - Self taught using Blender and 3ds Max.
    - Work available for viewing on **sketchfab.com/danhearn** (social 3D model sharing website).
- Regular member of the University of Portsmouth IT Society where I meet with other people interested in IT and develop additional knowledge of IT outside of my course and self-taught experience.

References available on request.