

# Daniel Hearn

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## Home Address

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## University Home Address

155C Elm Grove  
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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.

## Hobbies and Interests

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- 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](https://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](https://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](https://codepen.io/danhearn).
- 3D modelling and animation.
  - Self taught using Blender and 3ds Max.
  - Work available for viewing on [sketchfab.com/danhearn](https://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.**