

Thomas Bower

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OBJECTIVE

Seeking a challenging software development internship with a strong focus on logic, problem solving, and real world solutions to problems.

EDUCATION

Imperial College London – *London, UK* **2015 – 2019**
Master of Engineering (MEng) in Computing *(expected)*

Birkdale School – *Sheffield, UK* **2008 – 2015**

- A-Levels – 6 A*–A
- GCSEs – 11 A*–A

PROFESSIONAL EXPERIENCE

Sheffield Economics Tutors (*Web Developer, freelance*) – *Sheffield, UK* **07/2015 – 07/2015**

- Worked closely with client to design, develop, and set up a sleek web presence for a local tutor business, ultimately launching ahead of schedule.
- Utilised HTML5, CSS3, Javascript for frontend and used PHP to create a simple CMS interface for the client to use.

SWOTs (*Web Developer, freelance*) – *Sheffield, UK* **09/2012 – 11/2012**

- Redevelopment of a dated local student accommodation website.
- Used Javascript, PHP, HTML, and CSS to create an interactive property search and directory.

Talentwire (*Lead Web Developer, full time*) – *Santa Barbara, CA, USA* **08/2011 – 09/2012**

- Developed Javascript modules to interact with backend databases using AJAX and made use of algorithms such as bin packing to present employment data in visualisations.
- Worked with team of backend developers to produce a product API, and assisted with database design.
- Produced fully responsive mobile, tablet, and desktop variants of the website.

PROJECTS

HackChat – *IC Hack '16 Project* **2016**

- Created a chat application with integrated multiplayer games as part of a 24-hour hackathon project.
- Used Socket.io and Node.js to handle client/server communications
- Programmed several games using Javascript and HTML Canvas including Breakout and Tetris to be played on the application.

TECHNICAL SKILLS

- Languages: Haskell, Java, C, PHP, Javascript
- Web Development: HTML, CSS, JQuery

OTHER ACHIEVEMENTS & QUALIFICATIONS

Microsoft Student Partner **2016 – 2017**

Imperial College Computing Society Secretary **2016 – 2017**

Japanese Language Proficiency Test Level N3 **2015**

Arkwright Engineering Scholarship **2013-2015**