

RAVI WOODS - CURRICULUM VITAE

PAST PROJECTS

Front End Developer at Neuron Technology (Oct 2016 – Present)

- During my final year at University, I worked with *Neuron Technology* – a startup funded by the Imperial College Advanced Hackspace, who create assistive panels for Imperial's campus
- I worked on the front-end components, including integrations with Google Maps for travel information, and building a carousel to display recent news from the College.
- The interface was developed with HTML and JQuery Mobile, with Javascript for more complex functionality.
- In addition, I have recently been helping develop the interface of the panel, for a larger panel in Imperial's main entrance.

Visual Design Intern at Galaxkey (Aug 2016 – Sep 2016)

- At Galaxkey, a start-up who help businesses tighten email security, I worked to redesign their brand.
- In their brochure pages and website, I aimed to unify the brand, with a simple set of imagery and colours. In addition, text was arranged to be easier to read and digest.
- The brochure pages were produced with Illustrator, and the website used WordPress.
- For their user interface, I researched ways to get more feedback from customers in their mobile app.

Tech Lead on the Sensorium project (March 2016 – May 2016)

- During my second year of University, I was part of a team creating a large scale interactive exhibition for the Imperial College Festival, funded by the Imperial College Advanced Hackspace.
- I was part of the tech sub-team, and co-led the production of a 4m by 2m LED wall, which would reflect whoever was walking past in the LEDs. While the size was daunting, we created a modular prototype, which we then built many of to create a finished piece.
- The final exhibition was awarded a prize by Imperial.

Junior iOS developer at PlayWithTheBand (June 2015 – Aug 2015)

- After my first year of University, I undertook an internship at a company who create apps for learning music. Having produced a desktop app, they hired me to help create an app for iOS.
- PlayWithTheBand hired a graphic design company to make basic wireframes. However, I needed to translate these designs into a complete solution.
- Most of my work was functionality based, with code written in Swift and interfaces built within XCode. However, I also needed to design some UI elements, which I produced in Sketch 3.

RELEVANT SKILLS

SOFTWARE		PROGRAMMING AND HARDWARE
Sketch 3 Adobe Illustrator (CC)	FLUENT	Swift C++
Adobe Photoshop (CC) Adobe InDesign (CS6) Microsoft Word Microsoft Excel Microsoft PowerPoint InVision WordPress	PROFICIENT	Arduino Processing p5.js Latex HTML/CSS Javascript Python
Microsoft Publisher	WORKING KNOWLEDGE	Java

EDUCATION & ACADEMIC QUALIFICATIONS

Innovation Design Engineering, Imperial College & Royal College of Art (Oct 2017 – Present)

Electronic and Information Engineering, Imperial College (Oct 2014 – June 2017):
1st class honours

Secondary School: Bancroft's School, Woodford Green, Essex, IG8 ORF

A Levels:

Physics, Electronics, Maths, Further Maths A*

AS Levels:

Art, Critical Thinking B

GCSEs:

7 A*s, and 3As.

A* in English Language & Maths

INTERESTS & ACTIVITIES

- Christian Union – I was Evangelism Secretary for Imperial College's Christian Union from October '16 to June '17. I organised a lunchtime talk each Friday, with speakers on a variety of topics, including Evolution & Christianity, and the reliability of the Bible.
- Art – I am currently the Webmaster for the Fine Arts Society of Imperial. This involves creating a website which can be readily updated. The society also gives me a chance to relax and to grow as an artist outside of my studies.
- Scouting – I have acted as an Assistant Leader at a Scout troop, as well as undergoing a four-week humanitarian trip to Tanzania with 39 other Scouts and Guides.