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Education

2014-2018 **Imperial College London**, London, United Kingdom
Computing MEng - Expecting a 1st

Thus far, I have developed my programming skills in different paradigms and became acquainted with **Java**, **Haskell**, **C** and **Python** along the way.

Some of the modules I have covered so far include **Databases**, **Networks**, **Robotics**, **Web Security**, **Graphics** and **Software Engineering (Design & Algorithms)**.

I have also completed language courses in **Russian L1 (Merit)**, and **Spanish L4 (A)**

2012-2014 **Chelsea Academy**, London, United Kingdom
A Levels: Mathematics - A*, Further Mathematics - A, Physics - A,
Economics (AS) - B

2007-2012 **Battersea Park School**, London, United Kingdom
AS: Portuguese - A | **GCSEs:** 11 A*'s, Latin - A

Work Experience

April 2017 — September 2017	Unboxed Developer - Summer Placement I have worked on a variety of Ruby on Rails projects; I created a small webapp to allow easy upload of images to S3, contributed to the UK Government Petitions Website, and done a significant amount of work on <i>char.gy</i> - a startup designed to provide ubiquitous electric car charge points. I played a key role in developing the product from its alpha stage.
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July 2016 — September 2016	Alliants Software Developer Intern I worked on the <i>Hub</i> , an internal tool organisational data storage. This was my first experience with Ruby on Rails, and really strengthened my Ruby and version control capabilities as part of a team, and taught me about Test Driven Development.
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October 2014 — June 2016	Self Employed Private Tutor I taught 2 pupils for a year each, between 10 and 16 years of age, on topics ranging from Mathematics to Verbal and Non-verbal reasoning. I faced a great challenge as I dedicated a minimum of 4 hours per week to teaching whilst studying at university. It taught me to communicate more efficiently by breaking down concepts into bite-size ideas for younger pupils.
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Skills

Computing	Programming - Java, Ruby, Haskell, Python Web Development - Ruby on Rails, Bootstrap, Javascript Data structures, Test Driven Development
Languages	Portuguese - Native proficiency English - Bilingual proficiency Spanish - Professional working proficiency Russian - Level 1, Elementary proficiency

Projects

S3'ify	A simple RoR app built to make it easy on content developers to upload images to a known stable image hosting provider (Amazon's S3). It proved to be useful and popular, amassing 100's of uploads in a short period of time.
ALABNO	This was an automated, machine learning driven application designed to take in programming exercise scripts from the Department of Computing at Imperial College, compare them with a given model answer, and through the application of microservices and machine learning filters, predicted accurate results for submitted student answers, with a feedback loop for instructors to improve quality over time.
Summit	Summit was a group project to create a webapp platform to help anyone learn how to trade using real time data from live stocks, without placing real capital at risk. I largely worked on the frontend which employed an extensive use of Javascript, React and Bootstrap.
Peas in a Pod	I designed, built and deployed a website for a small business. I made use of Bootstrap, as well as HTML and CSS.

Extracurricular & other Activities

July 2017	Attended the BrightonRuby conference
January 2016	MyoGaming at ICHACK 2016 Hackathon In a group of 4, we made an FPS android app that made use of the Myo gesture control armband to move around and shoot in-game, with VR support.
2013 — 2014	Angry Gecko Project Manager I managed the building of an electric car to race at a national level. I was heavily involved in the marketing of the project and raised £700 worth of sponsorships. The project continued in the following years due to its success.
Ongoing	Tennis, Football, Table Tennis, Photography