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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

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| 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

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| 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

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| 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

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| 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 |