Abraão Pacheco Dos Santos Peres Mota

Imperial College London Computing Undergraduate

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Education

2014-2018	**Imperial College London**, London, United Kingdom **Computing MEng** - Expecting a 1st **Language Courses**: Russian Level 1 - Merit, Spanish Level 4 - A

Some of the key modules I have studied so far include Programming, Mathematical Methods, Compilers, Concurrency, Artificial Intelligence, Operating Systems, Networks & Communications, Software Engineering (Design & Algorithms), Advanced Databases, Graphics, Web Security and Robotics.

My degree has also offered me plenty of opportunities to partake in many group projects, some of which include building a compiler, writing parts of an operating system, create a learning trading platform and develop a business idea from scratch with a complete model.

2012-2014	**Chelsea Academy**, London, United Kingdom **A Levels:** Maths - A*, Further Maths - A, Physics - A, Economics (AS only) - B
2007-2012	**Battersea Park School**, London, United Kingdom **GCSEs:** 11 A*'s, Latin - A, Spanish - A*, **AS:** Portuguese - A

Work Experience

Unboxed April 2017 - September 2017	**Developer** I created a small webapp to allow easy upload of images to Amazon's S3 service, contributed to the UK Government Petitions Website by submitting a security fix, and done a significant amount of work on *char.gy*, a startup project designed to provide ubiquitous car charge points throughout the country. I played a significant role in developing and supporting the growth of the product through beta and alpha stages to an early release.
Alliants July 2016 - September 2016	**Software Developer Intern** I worked on a tool designed to store organisational information. This experience improved my Ruby & RoR as well as my TDD.
Self Employed October 2014 - June 2016	**Private Tutor** I have committed 4 hours a week over 2 years to teaching 2 different pupils in Mathematics and other Reasoning topics.

Projects

February 2017	**UniSecrets at ICHACK 2017** This hackathon culminated in a web-app for university students where you can submit anonymous secrets you wish to share across universities.
May-June 2016	**Summit** Summit was a platform designed to help anyone learn how to trade using real time data from stocks, without placing real capital at risk. I largely worked on the frontend and made extensive use of Javascript, React and Bootstrap.
February 2016	**MyoGaming at ICHACK 2016** Produced a VR Android game whereby a user played a first person shooter game using the Myo armband.
2014	**Angry Gecko Project Manager** I raised £700 worth of sponsorships and lead the team that built an electric car to race at a national level.

Skills

Computing	Ruby, Python, Java, Haskell, RoR, Web Development, TDD
Languages	Fluent in Portuguese, English & Spanish. Elementary Russian and Latin.