

GIOVANNI CHARLES

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Third Year, Imperial College, MEng Computing Student seeking a 6 month industrial placement for 2013

Qualifications & Knowledge

Institute	Qualification	A*	A	B
Wilsons School (2010)	A-Level	2 (Maths & Physics)	1 (Computing)*	1
Whitgift School (2008)	GCSE	6 (Including Maths & IT)	3	2
Imperial College London (present)	MEng	Expecting a first		

**Wilsons School's Computing Award: For problem solving skills 2009*

Current study

Projects include writing a compiler, parts of an operating system & a stateful web-based application. Courses include Software engineering (algorithms/design), Network security, Databases & Machine learning

Programming Languages

Proficient in: C/C++, Java, Haskell, Python, SQL

Basic skills in: Bash, Perl, .Net, Prolog, x86

Experience

Researcher at Infosys, Bangalore, India, Jun 2012 - Sept 2012:

Developed a program to analyse the semantics of a python project to calculate metrics for its modularity.

Developer and tester at Orbis Mutual Funds, Jun 2011 - Sept 2011:

I worked with several teams in the Investment Counsellor Group Technology department, developed an intranet using C#, SQL, SSRS, JavaScript and XAML, unit tested VB.NET and JavaScript programs finding many areas for improvement and integrated with the teams using TFS and communicate with different people.

Tutoring, Oct 2010 - present:

This involves preparing weekly lessons for maths, physics, biology and chemistry. I also have to explain concepts not understood in school and look ahead in a syllabus to improve my students' education.

Mentoring, March 2010:

I worked alongside school teachers to mentor four groups of children aged 9 to 10 from two different schools in a scheme aimed to teach basic computer skills at a young age.

Hobbies & Interests

- * I have **organised a music event** to showcase up and coming DJs. This involved venue hire, sound and lighting hire, ticket sales, promotion, security and local council paperwork. The event brought in around 700 attendees, a profit and follow up work for the DJs involved and myself.
- * I volunteered as a **radio presenter** for my community radio station. The training courses helped with my communication skills and regular shows have helped me to perform well under pressure and make quick decisions when necessary.
- * I successfully applied to Southwark youth council for funding to run a youth branch for my local radio station.
- * As well as hosting a regular show on my university radio station, I am the **events manager**. I am in charge of setting up events to generate revenue for the station.
- * I play for the university **rugby** team to keep active and my **cello** to relax.