

Benji Barash

Student / Programmer / Designer

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Bio

I am a highly enthusiastic, motivated student living in Hertfordshire, UK. From a young age, I have been thoroughly interested in technology, specifically the Internet and programming and after completing school I hope to read Computer Science at a university. Aside from technology, I enjoy learning about astronomy and physics, playing tennis and reading factual books.

In February 2009, I was one of 20 gifted and talented students selected in my year to attend a day trip to Pembroke College, University of Cambridge. After touring around the beautiful campus we learnt about Cambridge's admissions process and were given a sample interview discussion with the college's Professor of Law. I found the experience very exciting as it gave me an insight into life at one of the country's top universities.

Last year I was one of fifteen students nationally selected for the weeklong UNIQ Summer School for Computer Science at Oxford University. We had a number of lectures and practicals in the functional language Haskell with the material taken from the undergraduate syllabus. The intensive course covered matrices, modular arithmetic and fast exponentiation and culminated in creating a cryptographic program to handle RSA encryption. Being exposed to a highly academic Computer Science environment with leading tutors and fellow enthusiasts, allowed me to see how I would benefit from pursuing this subject at university.

Education

1998-2005 - Michael Sobell Sinai School

2005-Current - JFS School

I am currently taking 'A'-Levels in Mathematics, Further Mathematics, Chemistry and Physics.

I have achieved an A grade in a Level 3 Extended Project Qualification entitled *"The development of programming languages linked to the advances in microprocessing has allowed us to create the technologies that we see today. This is just the beginning..."*.

For my 'AS'-Levels (GCEs) I attained the grades AAAAB in:

Mathematics (A), Chemistry (A), Computing (A) *[self-taught]*, Information Communication Technology (A) and Physics (B).

I have taken 11 GCSEs namely: Mathematics (A*), Chemistry (A*), Physics (A*), Biology (A*), French (A*), Information Communication Technology (A*), Astronomy (A), English Literature (A), English Language (A), Geography (A), and Religious Studies (A).

Markup/Programming Familiarity

Ajax + jQuery

PHP (+ MySQL)

(x)HTML, CSS, Javascript

Objective-C / Cocoa Touch

C++ / C# / Python

Achievements

July 2010 - Selected for and attended Oxford University's 'UNIQ Summer School for Computer Science'

July 2010 - JFS School Year 12 Prize for 'Information Communication Technology (ICT)'

December 2009 - Elected to the position of 'Deputy Head Boy' of JFS School

September 2009 - 'The Sam and Mary Berger Prize for Outstanding GCSE results'

February 2009 - JFS School Year 11 Commendation for an 'Outstanding Yearly Report'

July 2008 - JFS School Year 10 Prize for 'Information Communication Technology (ICT)'

July 2007 - JFS School Year 9 Award for 'Information Communication Technology (ICT)' and Award for 'Contribution to the School's Learning Resources Centre'

July 2006 - JFS School Year 8 Award for 'Geography' and Award for 'Contribution to the School's Learning Resources Centre'

Work Experience

TwitterJobSearch.com - iPhone

Application Developer - July '09/'10

TwitterJobSearch.com are a London-based

startup who aggregate all job postings sent via Twitter in the form of 'tweets'. Whilst there, I was responsible for the development of their iPhone application using Objective-C, Cocoa Touch with XCode and Interface Builder. They were highly pleased with my rapid progress and the application is now live in App Store as a free download.



AudioVisualFacilities.co.uk - Web Developer & Designer -

January '09 - Current

Audio Visual Facilities are a bespoke electrical goods supplier and installation service based in Hertfordshire. I was hired to design and develop their website with an area to showcase the products they offer. Audio Visual Facilities were very happy with the quality of the website and contact me frequently for site updates.



Workhound.co.uk - Web Developer & Designer

- September '08 & December '08

Workhound is an exciting new London-based

startup that primarily focuses on aggregating job

postings from numerous job boards. Whilst at Workhound I learnt the intricate process of data scraping and how it can be used for aggregation purposes. I also redesigned their company logo to give the site a stronger Web 2.0 feel.

