

Benji Barash

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BIO

I am a highly dynamic and motivated student currently attending the University of Bristol for an MEng degree in Computer Science. My interests include technology, astronomy, physics, tennis and reading factual books.

Whilst in my final year of school, I was one of fifteen students nationally selected for the week-long 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.

EDUCATION

2011 - Current	University of Bristol	MEng, Computer Science
2004 - 2011	JFS School	
1998 - 2004	Michael Sobell Sinai School	

A2-Level	Mathematics	A
	Chemistry	A
	Physics	A*

AS-Level	Mathematics	A
	Chemistry	A
	Physics	A
	ICT	A
	Computing (self-taught)	A

Extended Project Qualification (Level 3)	A
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"The development of programming languages linked to advances in microprocessing has allowed us to create the technologies that we see today. This is just the beginning..."

GCSEs	6 A*	[Mathematics, Chemistry, Physics, Biology, French, ICT]
	5 A	[Astronomy, English Literature, English Language Geography and Religious Studies]

MARKUP/PROGRAMMING/SOFTWARE FAMILIARITY

(x)HTML, CSS, Javascript	PHP (<i>MySQL, Cassandra etc.</i>)
AJAX (<i>jQuery etc.</i>)	Objective-C + Cocoa Touch
Python	Haskell
Google Maps API	FB Graph/REST API
FBML (<i>Facebook app</i>)	<i>Twitter OAuth</i>
Adobe Creative Suite CS5	Apple Mac + iPhone SDK
Apple Interface Builder	cPanel/FTP etc.

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)'
Dec 2009	Elected to the position of 'Deputy Head Boy' of JFS School
Sept 2009	'The Sam and Mary Berger Prize for Outstanding GCSE results'
Feb 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'

EXAMPLES OF WORK + REFERENCES AVAILABLE UPON REQUEST.