

Education

University of Cambridge		Cambridge
BA Hons in Computer Science with Psychology	2.1 (1 st & 2 nd year)	2011 – 2014
Dr Manmohan Singh Undergraduate Scholar		
GRE: Verbal, Quantitative and Writing	170 / 170, 170 / 170, 5.5 / 6.0	2013
Dhirubhai Ambani International School		Mumbai
SATs: SAT 1	2350 / 2400	2011
SAT 2 Math, Physics	800 / 800 , 790 / 800	
International Baccalaureate Diploma	44 / 45	2009 – 2011
HL Physics, Math and Computer Science,	7/7 , 7/7 , 7/7	
SL Economics, Spanish Ab Initio, English	7/7 , 7/7 , 6/7	
International GCSEs	10 IGCSEs: All A*s	2007 – 2009
Subjects included Additional Math.	Topped the world in Extended Math.	

Work Experience

Microsoft	<ul style="list-style-type: none"> Developed touch UI strategy for inking in Microsoft PowerPoint Conducted research through user studies and quantitative surveys to evaluate short-term improvements and moon-shot innovations Collaborated with researchers, developers, and testers to implement new UI Built relations with product teams to provide a consistent user experience
Program Manager Intern June – Sept 2013	
Project Policy	<ul style="list-style-type: none"> Built core web application from ground up Implemented front end using latest web standards Deployed appropriate open source GIS tools to meet tight time requirements Invited by Google to Silicon Valley for Angel Hack world finals
Tech Associate Dec 2012 – Feb 2013	
Morgan Stanley	<ul style="list-style-type: none"> Improved usability of FX trading applications through interface layout Collaborated with a team of 3 on a large codebase Communicated across teams with Quants and UX experts to improve formulae used in highlighting of orders Learned about financial concepts through seminars and online training
Tech Analyst (Summer) June – Aug 2012	
JP Morgan	<ul style="list-style-type: none"> Learnt about the various technology platforms used in the firm Developed a Black-Scholes modeller in a team of 6 during a 2 day hackathon Presented results of hackathon to a panel, was chosen as best presentation
Spring Week April 2012	
Anand Rathi Financial Services	<ul style="list-style-type: none"> Learnt web development for financial apps through pair programming Witnessed the product development lifecycle in a fast-paced environment with a short release cycle Observed how financial research is conducted and analysed
Work Experience April 2010	
Venus Technology	<ul style="list-style-type: none"> Worked in a team to deliver solution to client Delved into the intricacies of the PHP language and Drupal framework to troubleshoot issues Delivered presentation on common pitfalls to management and the team
Web Dev Intern March 2010	

Positions of Responsibility

Computer Science Student Representative 3 years running	Cambridge University
Internationals Officer and JP Committee member	Pembroke College
Subject mentor to incoming students	Pembroke College
House Captain and Vice Sports Captain	School Student Council
President of the Human Rights Commission	DA International Model UN

Independent & Voluntary Projects

Developed a music discovery game in collaboration with Last.fm for their 51 million+ users, which won our team the Professional Ability Award at Cambridge's demo day	Django, Thrift, Python	2013
Software lead on a Game Design club I co-founded. Developed a 3D educational game for an NGO	C#, Unity Framework	2011
Lead a team of 3 to develop a web app for my Mensa chapter	ASP, SQL	2011
Supported a digital experiment to conduct behavioural economics research with teams from the University of Warwick and Mumbai	PHP, HTML, CSS	2011
Audited my school LAN's security & assisted school authorities with patching buffer overflow vulnerabilities	Nmap	2011
Worked with a team of 3 for the Indian Robotics Olympiad. Primarily the software lead, but also helped and learnt about the structural engineering tasks and general coordination between members	Mindstorms NXT-G (LabVIEW)	2010
Developed an informational website for my NGO, Ziksana, to get volunteers to help teach Computer Science to underprivileged students	PHP, HTML, CSS	2010
Developed a student management program for the school counsellors	Java	2010
Created application that stores patient records, track statistics and maintain inventories at my parents' clinic	Visual Basic	2009

Achievements

- Won an award at the AT&T Palo Alto Hackathon for developing an Oculus Rift powered video game in a team of three
- Developed a 3D Python simulation to calculate the orbit of Near-Earth Asteroids for the next 50 million years. Worked in a team of 3 with help from NASA's Lunar Institute at the Summer Science Program using an observatory in New Mexico, USA.
- Attended Model United Nations conferences in St Petersburg and The Hague, where I was the Ambassador for my school delegation representing Peru
- Awarded the Best Algorithm at a robotics workshop at the Indian Institute of Technology
- Topped the TCS IT Wiz regionals – a technology quiz by Tata Consultancy Services
- Awarded the Best Speaker Award at the school Inter-House Debate
- Selected for the college basketball team, having won district-level tournaments in high school
- Academic Honour Roll every year in high school