

Gaurav Garg

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EDUCATION

University of California, Berkeley

Berkeley, CA

B.S. Electrical Engineering and Computer Sciences

Expected May, 2017

GPA: 3.54/4.0

Relevant Coursework: Structure and Interpretation of Computer Programs (CS 61A), Calculus (Math 1A & 1B), Data Structures (CS 61B), Physics for scientists and engineers (Phy 7A), iOS Game Development (DeCal).

Intended: Machine Structures (CS 61C), Multivariable Calculus (Math 53), Linear Algebra and Differential Equations (Math 54)

The Doon School, 2013

Dehradun, India

Awarded Science Master Trophy. Scored 100% in Computer Science in both ISC and ICSE national exams.

EXPERIENCE

Infosys

Software Development Intern, Infosys Labs

Jun 2014 – Aug 2014

- Coded and implemented a JavaScript intrusion alert system to detect Cross-site scripting (XSS) attacks on a live web application in real time. Achieved by cloning the response HTML and deploying headless browsers (PhantomJS) on the server (Tomcat).
- Second runner up in the annual InStep Business Plan Competition. 31 teams participated, a record total of 122 participants from top universities. Presented on Initiating operations in Colombia and why that is a strategic move for Infosys.

CITRIS Mobile App Challenge

App Developer

Feb 2014 – May 2014

- Member of team HandiRoute for the CITRIS Mobile app challenge. HandiRoute is an android application designed to help find disabled friendly areas. It achieves this by crowdsourcing data about disabled friendly access areas and using the Google maps API.

Turing Test Tournament, Berkeley Centre for New Media

Front End and AI Developer

Sep 2013 – Feb 2014

- Implemented front end for the Web App, Turing Test Tournament at <http://ttt.berkeley.edu> using Javascript and Bootstrap. Designed an artificially intelligent chatbot for the app using ChatScript. Organized the 'Meet My Bot' hackathon to promote the website.

CS 61A Course Staff

Feb 2014 – May 2014

Lab Assistant

- Lab Assistant for Structure and Interpretation of Computer Programs (CS 61A) taught by Prof John Denero.

Windows Phone Marketplace

Freelance App Developer

Jun 2011 – Aug 2011

- **Time Capsule:** Developed and published a calendar app that can display the calendar for any given date including options for AD and BC. The < 1 MB app works offline and the algorithm is capable of computing inputs such as "May 1423 BC", "Feb 2930 AD", etc. within a second.
- **Fortune Cookie:** Developed and published a fortune cookie app that randomly selects and displays from a list of fortunes and "lucky" numbers with options to save and share.

SKILLS

Java • Python • JavaScript • C • HTML • MIPS • Scheme • CSS • PhantomJS • ChatScript • Git