Shreyas Bhave

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EDUCATION

MONTE VISTA HIGH SCHOOL   August 2010 – June 2014

- High School Diploma received in June 2014
- GPA (Unweighted/Weighted): 3.99/ 4.70
- SAT: 2400
- Relevant Coursework (AP Computer Science A)

UNIVERSITY OF CALIFORNIA BERKELEY   August 2014 - Present

- Major: Electrical Engineering and Computer Science
- GPA: 3.72
- Relevant Coursework: CS61A, CS61B, Math 53, Math 54

EXPERIENCE

Army High Performance Computing Summer Research Institute, Stanford, CA   June 2015 - August 2015

Intern. Stanford University High Performance Computing Research Center

Microsoft Build Camp, Sunnyvale CA   June 2014

- Learned the basics of web development in node.js and express based web applications
- Introduced to Microsoft Visual Studio but also worked with Linux Ubuntu
- Built a web app that implemented Google Maps API and made our own custom BING API
- I worked mostly on backend and helping build the API: https://bitbucket.org/prakash_kumar/azpad-news-api

Stanford Institutes of Medical Research, Stanford CA   June 2013 - August 2013

Intern. Stanford Center for Prevention Research Center

- Conducted research under the guidance of a post doc in data mining, bioinformatics and statistical analysis of datasets
- Learned MySQL, Python, and R in the span of 8 weeks
- Specific objective was to find environmental variables that correlate with asthma, COPD and other respiratory diseases
- Duration: 8 weeks for 40 hours/week

Kumon Math and Reading Mentor   November 2010 - June 2014

- Worked every Tuesday and Friday from 3:30 to 6:00 pm
- Taught high school students basic calculus concepts

PAST PROJECTS

Chainmail – Developed at LA Hacks   April 2013

- An Android app designed to help users send messages without internet through Bluetooth connection
- I worked primarily on the backend of this application with the PHP and MySQL
- Won an API award from Sendgrid
- Link: http://lahacks.challengepost.com/submissions/22752-chainmail

AOmega – Developed at HS Hacks   February 2013

- An app designed to help users solve d ifficult stoichiometry problems
- I worked primarily on the java logic, developing simple algorithm for molar masses and creating an equations database

- Link: https://bitbucket.org/jathak/aomega

Android Club – Founded at Monte Vista High School   September 2011 – June 2014
Vice President of Development

- Club dedicated to development of Android applications and promoting interest in programming
- Helped market and partially make Grade Grabber, an application that parses grades, mail and assignments allowing students easy access
- We were contacted by the CEO of Schoolloop to discuss design and development

TECHNICAL SKILLS & LANGUAGES

- Primary Experience: MySQL, Python, Java, R, API development
- Minimal Experience: PHP, Html, Mongo DB