

DHRUV ARORA
dhruvarora@berkeley.edu
<http://arora.io>

EDUCATION

B.A. Computer Science, University of California, Berkeley

Expected May 2015

- CS 61B: Data Structures
- CS 61C: Machine Structure
- CS 70: Discrete Mathematics and Probability Theory
- CS 170: Efficient Algorithms and Intractable Problems

Hack Reactor, Advanced Software Engineering Immersive

Summer 2014

SKILLS

Programming: JavaScript, Java, Python, C, C++, HTML & CSS, SQL, Mongo, CoffeeScript

Libraries and Frameworks: Node.js, Backbone.js, Angular.js, D3, Express, Grunt

EXPERIENCE



Software Engineer, Famo.us

Summer 2014

- Independently developed a client-side MV* framework inspired by Backbone.js with Famo.us as the view layer.
- Created a todo app using the MV* framework to demonstrate the framework's abilities and options.



Software Engineering, Intern, IBM

Summer 2013

- Developed an Android application to track the movement of over 500 IBM employees in the office using WebKit, Java and XML.
- Analyzed the emerging smart-phone market space in Asia recommending strategies for capitalization and partnerships.



Web Developer, UC Berkeley Haas School of Business

April - Dec 2013

- Edited, updated and provided routine maintenance for the Center for Financial Reporting & Management (CFRM) websites creating new web pages as necessary.
- Overhauled and redesigned the online social media outreach of the Center resulting in 437% overall growth.



Android App Development Instructor, MIT Camp K-12

Summer 2011

- Instructed over 40 middle school and high school students in basic programming and Android app development using MIT's App Inventor software.

PROJECTS

Technical Lead, Azix *A platform for running version-controlled data analysis in the cloud*

- Developed an API to mediate interaction between client and AWS virtual machines using Express and the JavaScript AWS SDK.
- Built a Git server to version control user scripts and used MongoDB to store all interactions with the application.
- Collaboratively built a client-side CLI using Node.js to communicate with the server using RESTful requests as well as low-level Git file transfer methods.

You can view all my other projects on my GitHub. (<http://github.com/dhruvarora>)

AWARDS

The Leadership Award, UC Berkeley

2012 - 2013

- Scholarship of \$2000 from the California Alumni Association for leadership excellence on the Berkeley campus.