

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

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EDUCATION

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

*Expected December 2015*

- Data Structures
- Machine Structures
- Operating Systems
- Networking
- Discrete Mathematics & Probability Theory
- Artificial Intelligence
- Efficient Algorithms
- Software Engineering Paradigms

**Hack Reactor**, Advanced Software Engineering Immersive

*Summer 2014*

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SKILLS

**Programming:** JavaScript, Python, Java, HTML & CSS, C, C++, PostgreSQL, MongoDB

**Libraries & Frameworks:** Node.js, Backbone, React, Angular, D3, Bootstrap, Grunt & Gulp, Less & Sass

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EXPERIENCE

**Front-End Engineer Intern**, PicnicHealth

*Summer 2015*



PicnicHealth

- Upgraded the entire front-end from Backbone & EJS to a faster, modular React-based architecture.
- Redesigned and overhauled medical lab test representations to categorized data with highly customized D3 graphs.
- Implemented a new pricing tier leading to a massive surge in customer sign-ups.

**Software Engineering Intern**, Famo.us

*Summer 2014*



- Independently developed a client-side MV\* framework inspired by Backbone.js with Famo.us as the view layer.
- Built a demo todo app using my custom 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.

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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 using Express & Node.
- Built a Git server to version control user scripts with Mongo to store all application interaction.
- Engineered a client-side interface to communicate RESTfully with the server based on user git interaction.

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

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AWARDS

**The Leadership Award**, UC Berkeley

*2012 - 2013*

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