Dhruv Arora

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http://arora.io

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*

Skills

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

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

Experience

Front-End Engineer Intern, PicnicHealth   *Summer 2015*

- 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.

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)

Awards

The Leadership Award, UC Berkeley   *2012 - 2013*

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