

MICHAEL JU

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SKILLS

Java, Python, JavaScript, jQuery, React.js, HTML/CSS, Bootstrap, Django, Node.js, Express.js, C, MIPS Assembly, Scheme, SQL, JavaServer Pages
Mac OS, Linux/Unix, Windows

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY **BERKELEY, CA** **AUG 2014 – MAY 2018**

Bachelor's Degree Computer Science, **GPA: 4.00**

Regents and Chancellors Scholar

Dean's Honor List (Fall 2014, Spring 2015, Fall 2015)

Member of Upsilon Pi Epsilon, Computing Honor Society (Fall 2015)

IRVINGTON HIGH SCHOOL **FREMONT, CA** **AUG 2010 – MAY 2014**

GPA: 4.00

National Merit Scholar, National AP Scholar

COURSEWORK

Data Structures, Discrete Math and Probability Theory, Computer Architecture, Efficient Algorithms and Intractable Problems, Intro to Database Systems, Intro to AI, Operating Systems*, Algorithms for Computational Biology*

*Current Course

EXPERIENCE

SOFTWARE ENGINEERING INTERN **GLASSDOOR, INC.** **MAY – AUG 2016**

React, Java, CSS

Refactored site UI features into modular React components (dropdown, photo-slider)

Moved static files out of normal web app build to Amazon S3, streamlining front-end patches and back-end development

Netted 5% increase in user registration with newly designed login modules

WEB DEV COMMITTEE MEMBER **UPSILON PI EPSILON** **AUG – DEC 2015**

Django, HTML/CSS, JavaScript

Implemented filtering capability for members search page on honor society's website

TECHNICAL INTERN **COVERITY/SYNOPSYS, INC.** **MAY – AUG 2015**

JavaScript, jQuery, HTML/CSS, Dropwizard (Java), MySQL

Revamped Business Modeler web application, which models a code project by mapping classes to representative visual containers

Designed algorithms in JavaScript for geometric restructuring of container divs

Wrote back-end RESTful API services in Dropwizard for accessing test coverage metrics

PROJECTS

CONTACT

Express, Socket.IO, Mongoose

Built a real-time chatting web application with MongoDB and Node.js technologies

POLLSITE

Django, Bootstrap, HTML/CSS, JavaScript, jQuery

Created a web application that allows users to create/remove/vote in other user's polls

GITLET

Implemented own local revision control system in Java, using serializable objects