

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, Spring 2016)
Member of Upsilon Pi Epsilon, Computing Honor Society

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, Algorithms, Database Systems, Artificial Intelligence, Operating Systems, Algorithms for Computational Biology, Computer Security, Machine Learning, Internet Architecture*, Game Theory*, Intro to Time Series*

*Current Course

EXPERIENCE

SOFTWARE ENGINEERING INTERN **GOOGLE, INC.** **MAY – AUG 2017**

Java, Python
Worked on Street View Special Collections backend
Designed and engineered tool to aid with debugging and forensics

CS61B STUDENT INSTRUCTOR **UC BERKELEY** **JAN – MAY 2017**

Taught Java, OOP, and fundamental data structures and algorithms to undergraduates
Helped students with concepts and assignments through weekly discussion sections

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

React, Java, CSS
Refactored site UI features into modular React components
Moved static files out of normal web app build to Amazon S3 with Gulp tasks, streamlining front-end patches and back-end development
Netted 5% increase in user registration with newly designed login modules

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

JavaScript, jQuery, HTML/CSS, Dropwizard (Java), MySQL
Revamped Business Modeler web application, providing a visual model of a code project
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

POLL SITE

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