

# MICHAEL JU

610 San Conrado Terrace | Sunnyvale, CA 94085 | ju.michael@gmail.com  
510-364-8055 | <http://www.jumichael.com> | <https://www.github.com/michaelj23>

## 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

<b>UNIVERSITY OF CALIFORNIA, BERKELEY</b>	<b>BERKELEY, CA</b>	<b>AUG 2014 – MAY 2018</b>
Bachelor's Degree Computer Science, <b>GPA: 3.99</b> Regents and Chancellors Scholar Dean's Honor List (Fall 2014, Spring 2015, Fall 2015, Spring 2016) Member of Upsilon Pi Epsilon, Computing Honor Society		
<b>IRVINGTON HIGH SCHOOL</b>	<b>FREMONT, CA</b>	<b>AUG 2010 – MAY 2014</b>
<b>GPA: 4.00</b> 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, Programming Languages and Compilers, Deep Neural Networks, Linear Modelling

## EXPERIENCE

<b>SOFTWARE ENGINEER</b>	<b>GOOGLE, INC.</b>	<b>JUL 2018 – NOW</b>
Java, JavaScript Improving platform-level infrastructure for Google My Business frontend server, with an emphasis on serving mobile clients		
<b>SOFTWARE ENGINEERING INTERN</b>	<b>GOOGLE, INC.</b>	<b>MAY – AUG 2017</b>
Java, Python Worked on Street View Special Collections backend Designed and engineered tool to aid with debugging and forensics		
<b>CS61B STUDENT INSTRUCTOR</b>	<b>UC BERKELEY</b>	<b>JAN – MAY 2017</b>
Taught Java, OOP, and fundamental data structures and algorithms to undergraduates Helped students with concepts and assignments through weekly discussion sections		
<b>SOFTWARE ENGINEERING INTERN</b>	<b>GLASSDOOR, INC.</b>	<b>MAY – AUG 2016</b>
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		
<b>TECHNICAL INTERN</b>	<b>COVERITY/SYNOPSIS, INC.</b>	<b>MAY – AUG 2015</b>
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

### 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