

MICHAEL JU

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EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY	Berkeley, CA
Bachelor's Degree Computer Science, GPA: 4.00	May 2018
Regents and Chancellors Scholar	
Dean's Honor List (Fall 2014, Spring 2015)	
Member of Upsilon Pi Epsilon, Computing Honor Society (Fall 2015)	
IRVINGTON HIGH SCHOOL	Fremont, CA
GPA: 4.00	June 2014
National Merit Scholar	
National AP Scholar	

COURSEWORK

Structure and Interpretation of Computer Programs (Python, Scheme, SQL)
Linear Algebra and Differential Equations
Data Structures and Advanced Programming (Java)
Discrete Mathematics and Probability Theory
Machine Structures (C)*
Efficient Algorithms and Intractable Problems*
*Current Course

EXPERIENCE

TECHNICAL INTERN AT COVERITY, SYNOPSYS, INC.
Used JavaScript (AJAX), jQuery, HTML/CSS, Dropwizard (Java), MySQL
Revamped Business Modeler web application, which models a code project by mapping classes to representative visual containers, a web application that allows users to:
Designed algorithms in JavaScript for geometric restructuring of container divs
Wrote back-end API services in Dropwizard for accessing test coverage metrics
UPSILON PI EPSILON WEB DEVELOPMENT COMMITTEE
Used Django, HTML/CSS, and JavaScript
Implemented filtering capability for members search page on honor society's website
Worked on adding interview question test bank to site, both front-end and back-end

PROJECTS

POLLSITE
Used Django, Bootstrap, HTML/CSS, JavaScript, jQuery
Created a database-backed web application that allows users to create/remove/vote in other user's polls
Wrote tests to ensure functionality of both user authentication and voting system
GITLET
Used Java
Implemented own local revision control system with serializable objects

SKILLS

Java, Python, JavaScript, jQuery, HTML/CSS, Bootstrap, Django, C, Scheme, SQL
Mac OS, Windows, Linux/Unix
Discrete Math, Multivariable Calculus, Linear Algebra, Differential Equations