MICHAEL JU

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SKILLS

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

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, Fall 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)
Data Structures and Advanced Programming (Java)
Discrete Mathematics and Probability Theory
Machine Structures (C, MIPS Assembly, Apache Spark)
Efficient Algorithms and Intractable Problems
Introduction to Database Systems*
Introduction to Artificial Intelligence*
*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
    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

CONTACT
    Used Express, Socket.IO, Mongoose
    Built a real-time chatting web application with MongoDB and Node.js technologies
POLLSITE
    Used Django, Bootstrap, HTML/CSS, JavaScript, jQuery
    Created a 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
    Implemented own local revision control system in Java, using serializable objects