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 (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, Computer Security*, Machine Learning*
*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 with Gulp tasks, 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