Tommy Le Huynh

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EDUCATION

University of California, Berkeley GPA: **3.528**   **Expected May 2018**
Bachelors of Arts in Computer Science w/ Minor in Statistics

Related Courses
Data Structures and Algorithms, Machine Structures, Structure and Interpretation of Computer Programs, Linear Algebra and Differential Equations

Programming Languages
Java, Python, JavaScript, HTML, CSS, MIPS, C

WORK EXPERIENCE

Full-Stack Developer   **Late October 2015 – Present**
UC Berkeley Math Department
- Incorporated the CalNet Central Authentication Service (CAS) to build enterprise applications with close mentorship from the head Computer Systems Administrator, Igor Savine.
- Utilized Python Flask and Jinja2 templates to create time-keeping software for the UC Berkeley Math Department.

Facebook TechStart Role Model   **October – December 2015**
- Facebook TechStart works with public high schools to connect students to the amazing world of technology by teaching and inspiring the next generation.
- Assisted students with a variety of tasks, from helping on homework assignments to more broad advice about problem solving and the possibilities that this field beholds.
- Met with students weekly at Coliseum College Prep Academy (CCPA) High School in Oakland, CA.

Data Structure and Algorithms Course Lab Assistant   **August 2015 - Present**
- Assist students with understanding the core concepts of the course through one-on-one instruction.
- Provide guidance on course projects and lab assignments.
- Topics included: tree-maps, hash-maps, heaps, arrays, runtime analysis, MSTs, Dijkstra's, A*, quick-sort, merge-sort, and selection sort.

PERSONAL PROJECTS

TL;DR   **Cal Hacks | October 2015**
JavaScript | Platform Developer
- Developed a Google Chrome extension that summarizes the contents of an online article with an option to determine how much to reduce the article by.
- Utilized JavaScript and HTML to capture the article's text from a web-page, as well as build the actual extension itself.
- Created the "popularity" algorithm that determines which sentences best summarize the article through the assignment of weights to certain key words that frequently appear within the text.

Personal Website   **October 2015**
HTML | CSS | Bootstrap
- Applied knowledge of HTML, CSS, and Bootstrap to develop a personal website to showcase my projects, education, and experience.