

Jimmy Tsang (Ti-Chieh)

2335 Piedmont Ave, Berkeley, CA 94704 | jimmytsang@berkeley.edu | (562) 565-0351
Linkedin: <https://www.linkedin.com/in/jimmy-tsang/> | Website: jimmytsang.gq | GitHub: [jimmytsang](https://github.com/jimmytsang)

EDUCATION

University of California, Berkeley

Expected May 2019

Electrical Engineering and Computer Science (EECS)

Courses: Data Structures and Algorithms, The Structure and Interpretation of Computer Programming, Discrete Mathematics and Probability Theory, Linear Algebra and Differential Equations, Multivariable Calculus, Three Dimensional Modeling

EXPERIENCE

Cartrack USA

Santa Monica, CA

Software Engineering and Product Development Intern

May 2017 – Aug 2017

- Used the ZOHO API to build a customizable automated chat box that is now in production
- Used SQL to extract information from 6 Million+ lines of data in Adminer for MailChimp API email campaign updates.
- Started Google Maps API code upgrade from previous tracking software which showed promising speed boost.

Paolucci Salling & Martin

El Segundo, CA

Web Development Intern

May 2016 – Aug 2016

- Worked with the design team to accomplish goals using HTML, CSS, and JS.
- Created websites and web apps from scratch through Drupal, WordPress, and Firebase.
- Used HTML, CSS, Photoshop, and Dreamweaver to improve the system of email advertising campaign construction.

Ripple Recruiting

Berkeley, CA

Project Manager Intern

Jan 2017 – Present

- Lead a team of 7 to promote and advertise company throughout campus.
- Organize weekly meetings for progress checks and team brainstorming sessions for new solutions to meet goals.
- Teach workshops for professional and academic development for members and other students.

PROJECTS

- BearMaps – Used Java to build a navigation program with A star algorithm to find shortest route between two locations (Similar to Google Maps).
- Database - Built small version of database management system with domain-specific version of SQL 1.0 using Java HashMaps to store unique inputs and functions of insertion, deletion, selection, and merging data tables.
- Ants vs Bees – Used Python to implement turn based-game-logic similar to plants vs zombies.
- Electrical Engineering – Built basic camera, touch sensor, microphone, sound responsive lights.

EXTRACURRICULAR ACTIVITIES

DiversaTech - Technical Consultant for Wikipedia - Research marketing strategies to expand Wikipedia usage in India and Indonesia, in preparation for presenting solutions to the Wikipedia headquarters.

Go-to-co - English Tutor - taught english at Soong Ching Ling Residence Beijing, China as a study abroad student and tutor.

Phi Kappa Tau - Recruitment Chair - Organized a two week recruitment process that led to the recruitment of 12 new members.

Berkeley Intramural Sports - Referee Supervisor – Supervise over 20 referees and oversee intramural games.

Cal Club Boxing Team - Member - Prepare for competing in the National Collegiate Boxing Association league.

SKILLS

Proficient: Java, Python, SQL, HTML5, CSS, PHP, JavaScript, Photoshop

Past Experience: Node, AngularJS, React/Redux, Scheme

Languages: Speak, read, and write English and Mandarin