

# Christine Ting

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## EDUCATION

### University of California, Berkeley

*Bachelor of Arts in Double Major: Applied Mathematics and Economics*

### London School of Economics and Political Science

*Study Abroad, University of California Education Abroad Program*

**Berkeley, CA/US**

*August 2011–May 2015*

**London, England/UK**

*Summer 2014*

## TECHNICAL SKILLS

**Front End:** JavaScript (ES5 and ES6), HTML5, CSS3, React, React Hooks, React-Native, Redux, jQuery, D3, Axios, Ajax | **Back End:** Node.js, Express, MongoDB, Mongoose, MySQL, PostgreSQL, Sequelize, RESTful API Development, GraphQL, Firebase | **Testing/Deployment:** Mocha, Chai, Jest, Artillery, Loader.io, Amazon EC2, Amazon S3 | **Developer Tools:** Git, npm, Webpack, Babel, Agile Methodology, TDD, Nginx | **Graphic Design:** Adobe Photoshop, Illustrator

## APPLICATIONS

**Personal Trainer Finder** React-Native | React Hooks | Node.js | Express | PostgreSQL | Sequelize | GraphQL | Firebase  
*Local gym finder mobile application displaying list of personal trainers with customizable profile page and fitness plans.*

- Developed authentication process by utilizing user flow with React Navigation and Firebase.
- Configured Amazon S3 bucket and built S3 API calls to enable profile picture and cover photo upload functionalities.
- Simplified data querying process by reducing the number of endpoints and defining query schema using GraphQL.

**Trafalgar System Design Project** React | Node.js | Express | MongoMongoose | PostgreSQL | Sequelize | AWS EC2  
*Back End optimization of a reproduced Trafalgar.com web page with stress test conduction and horizontal scaling.*

- Executed drain event in Node to successfully seed 10 million records to database for stress testing using Artillery.
- Benchmarked PostgreSQL and Mongo systems to achieve minimal query times via indexing.
- Increased throughput from 1.2K to 9K RPS with a latency of 62ms and error rate of 0% by scaling out to three EC2 instances along with caching and load balancing with Nginx.

**REI Product Page Recreation** React | Node.js | Express | Mongo | Mongoose

*Full simulation of REI (Recreational Equipment, Inc.) product detail page with Service Oriented Architecture (SOA).*

- Maintained control of CSS behavior by utilizing CSS box-sizing property with border-box.
- Implemented aggregate method of mongoose to simplify sorting process and improve code readability.

## WORK EXPERIENCE

### Hack Reactor/Galvanize | Los Angeles, CA

*Software Engineering Technical Teaching Assistant March 2020 - Present*

- Prepare and execute comprehensive technical review sessions for junior-phase software engineering students; the cohort resulted in approximately 50% increase in passing rate compared to the previous cohort.
- Oversee and collaborate with the teaching assistant team to ensure the quality of education delivery.
- Consult students on a 1-1 basis to promote greater student engagement and provide a more creative learning outlet.

### Calhome Inc., D.B.A., T-Motorsports | Pomona, CA

*Production Coordinator May 2015- November 2016 | Production Manager November 2016– September 2019*

- Supervised a team of 30 full-time employees and 20 part-time workers in a 24,000-square-foot facility that produced and delivered \$9 million worth of product to the United States annually.
- Cultivated ongoing collaborative relationships with both foreign and national vendors to closely monitor production processes in all aspects, and ensured contract deadlines were met while maintaining product quality standards.
- Improved on-time shipment percentage from 80% at the beginning of 2016 to 95% at the end of 2018.

### Buy4easy Inc. | Pomona, CA

*Pricing Analyst Intern May–August 2013*

- Monitored competitor's new products and pricing techniques and responded with corrective actions.
- Negotiated freight rates with the carrier representative and saved more than \$1 million each year.

## LEADERSHIP, SKILLS, ACTIVITIES & INTERESTS

**Leadership:** Social Chair, Tau Omega Pi Entrepreneurship Fraternity, Berkeley, CA (January–May 2013).

**Languages:** Chinese Mandarin (native), English (fluent), Spanish (proficient).

**Certifications:** Wine & Spirit Education Trust (WSET) Level 1, Professional Association of Diving Instructors (PADI) Open Water Certificate.