

Tao Ong

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Education

UC Berkeley (Class of 2019)

B.A. Computer Science (GPA: 3.5)

Relevant Coursework

Data Structures

User Interface Design and Development

Efficient Algorithms and Intractable Problems

Computer Architecture

Artificial Intelligence

Skills

Languages

Python, iOS (Swift), Android (Java), JavaScript, HTML/SCSS, TypeScript, Ruby on Rails, SQL

Tools/Frameworks

Angular, React, React Native, Jasmine, jQuery

Design

Figma, Framer, Sketch, Adobe Creative Cloud

Experience

Veritas

May '18 – Aug '18

Software Engineering Intern

- Revamped UX across entire product suite by developing reusable UI components with Angular5 and TypeScript
- Designed animations in After Effects to collect user research, and developed final SCSS animations into SVGs
- Implemented e2e and unit tests using Jasmine and Karma and utilized Jenkins for continuous integration

UC Berkeley, iOS Mobile Development

Jan '18 – May '18

Teaching Assistant

- Leading a class of 20+ students in learning iOS mobile development by building up fluency in Xcode and Swift 4
- Covering topics such as Autolayout, MVC, Table/CollectionViews, Cocoapods, Networking (Alamofire), and Firebase

Berlin Paint

June '17 – Dec '17

Software Engineer

- Developed an ordering system with AngularJS; included role-based access control and real-time chat
- Migrated original PHP/MySQL architecture to Firebase; redesigned front-end UI using Sass and Angular Material

Blueprint: Technology for Nonprofits | calblueprint.org

Apr '17 – Present

External Vice President

- Spearheading project UI/UX, content, operations and outreach for ~40 engineers developing software for nonprofits
- Organizing web/mobile dev workshops and tech talks; building partnerships with freeCodeCamp and HackDavis

Breakout Mentors | breakoutmentors.com

Mar '17 – Present

Computer Science Mentor

- Teaching coding fundamentals and game development to kids aged 9-16 using Python (Pygame) and Swift (SpriteKit)

Projects

Berkeley Sprout | github.com/berkeleysprout

Aug '17 – Present

- Web app that allows users to "sprout" their own virtual tree and grow it by completing wellness-oriented activities
- Specific role in full-stack development for both web and mobile using React/React Native and Firebase
- Funded through a UC Berkeley grant; sponsored by the Tang Center and Greater Good Science Center

Loggie | loggie.tech

Dec '16 - Mar '17

- Mobile app for travelers and bloggers to share their experiences and travel recommendations, on the App Store
- Specific role as technical project manager, working with three developers using Swift and Node.js

Leadership & Extracurriculars

Innovative Design | innovativedesign.club

Jan '17 – Dec '17

Graphic Designer

- Provided graphic design and web development services for student organizations using Sketch and Illustrator

Moonshot Accelerator | msaccelerate.com

Apr '16 – Jun '17

Chief Operating Officer (COO), Co-founder

- Launched a pro-bono internship program for a portfolio of 12 high-growth tech startups based in India
- Developed public website and designed marketing materials including company logo, pitch deck and fliers