

ANDY QIN

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EDUCATION

May 2016	UC BERKELEY B.A., Computer Science (Machine Learning) Certificate in Human-Centered Design Coursework: Machine Learning - <i>in progress</i> (CS 189), Artificial Intelligence (CS 188), Efficient Algorithms (CS 170), Algorithms and Data Structures (CS 61B), Linear Algebra (Math 54)	Major GPA: 3.5 / 4.0 Overall GPA: 3.6 / 4.0	Berkeley, CA
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EXPERIENCE

May 2014 – Aug 2014	APPLE, INC. Software Engineer Intern <ul style="list-style-type: none">Built a data visualization tool for gathering third-party metrics in the OS X Server application.Learned Objective-C and Cocoa application programming best practices.Identified and fixed several bugs that shipped in the GM.	Cupertino, CA
Jun 2013 – Jul 2014	CODEPREP.ORG CEO, Co-Founder <ul style="list-style-type: none">CodePrep is a school aimed to teach middle school and high school students the fundamentals of computer science and practical web development in a beginner-friendly environment.As CEO, promoted the class online and door-to-door, filling the class in the first week of launch.Designed and built the website at www.codeprep.org using Flask, HTML, CSS, and JavaScript.	Los Angeles, CA
Dec 2013 – May 2014	CENTER FOR ENTREPRENEURSHIP & TECHNOLOGY Front End Engineer Intern <ul style="list-style-type: none">Maintained the Virtual CET platform, a “mini-LinkedIn” for Berkeley student entrepreneurs and faculty.Wrote the “Company Profile” feature, enabling users to beautifully display their companies and funding needs. Used Django, HTML, CSS, and JavaScript.	Berkeley, CA

LEADERSHIP

Nov 2013 – Present	CS198: WEB DESIGN DECAL (CLASS) Instructor <ul style="list-style-type: none">The Web Design DeCal is a student-taught class in web design, and teaches students of all backgrounds how to create beautiful webpages using HTML, CSS, and JavaScript. (www.wdd.io)As Instructor, I perform my due diligence in selecting 100 students from 900+ applicants, delivering lectures, and grading assignments.Spearheaded live webcasting of all of our lecture content on YouTube, with the vision that anyone with an Internet connection can attend class. (live.wdd.io)	Berkeley, CA
Sep 2012 – Present	STUDENT ADVISORY COUNCIL ON UNDERGRADUATE EDUCATION Student Representative <ul style="list-style-type: none">1 of 4 undergrads appointed to represent the undergraduate experience on a board of faculty administrators and student representatives.Met with UC Chancellor Nicholas Dirks in Jan. 2014 to discuss the state of computer science education at Berkeley and in U.S. high schools.	Berkeley, CA

PROJECTS

- ASTEROIDS FOR MAC OS X:** Reincarnated the classic computer game ‘Asteroids’ as a Mac application to practice Cocoa Programming.
- JUMPING CUBES:** Wrote game logic in Java for a CLI board game and an AI player that can find forced wins 4 moves ahead.
- TEXT-ONLY GOOGLE MAPS:** Architected a graph API and trip finder client for mapping a subset of California. Implemented the A* algorithm to find shortest path between two locations.

SKILLS AND INTERESTS

- TECHNICAL SKILLS:** Python, Java, C, Objective-C, D3.js, Web Development (JavaScript, HTML, CSS, Django)
- INTERESTS:** Virtual Reality, Science Fiction, Pedagogy, Running, Basketball