Ken Chiu

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Education

University of California, Berkeley   Expected August 2018
- B.A. Cognitive Science; emphasis in Computational Modeling

Technology Highlights

Programming/ Languages	Python Java C MYSQL HTML CSS JavaScript
	Ruby on Rails Angular React Redux Swift
Skills	Node.js Express MongoDB RISC-V XCode Vim Robomongo
	JSON APIs Ajax Bootstrap jQuery Git Pivotal Tracker Linux/Unix
	Mac OSX Windows TDD BDD Unit testing Agile Restful API

Experience

Microservices Intern. Sikka Software. San Jose, CA   December 2017 – June 2018
- Assist in the development of an effective plan to migrate current platform functions to a Secure, Scalable "Microservices" environment
- Strategize ways to optimize query performance and cost from large data
- Design and implement UI for web apps
- Work on Web app projects using Angular/ React Redux for front-end and Node.js for the server-side
- Acquired HIPPA certification to work with confidential and sensitive data
- Research on a wide range of software engineering topics to solve problems including security, tool evaluation, etc

CodePath iOS BootCamp. San Francisco, CA   January 2016 – April 2016
- Successfully completed an accelerated training in iOS Swift app Development

Math Tutor & Clerk. CCSF Math Lab. San Francisco, CA   August 2013 – May 2016
- Tutored students in Math; evaluated learning styles of individual student and effectively adjusted tutoring style based on results
- Acknowledged by the Math Lab Coordinator for strong commitment to student success
- Worked 15 hours per week while being as a full time student with good time management

Projects

Enrollme (web app) https://damp-cove-57929.herokuapp.com/   July 2017 – August 2017
- Improved and refactored a web app from legacy code using Ruby on Rails based on client's requests.
- Enrollme provides a platform for UC Berkeley students to connect each other and form teams in the CS169 class. It also provides administration features for Instructors to manage teams.
- I worked on this project along with five other teammates. We cooperated by using Pivotal Tracker and GitHub. We practiced Agile software development while developing Enrollme. We improved the app from forming teams in a static way to forming teams in an interactive way with team matching feature.

Personal Portfolio (website) https://kenchiu100.github.io/   June 2017 – Present
- Created my website using HTML, CSS, JavaScript, Bootstrap, and GitHub Pages.
- It handles user events such as clicks and scrolls, and supports responsive web design based on the characteristics of the device used (desktop, tablet, mobile phone).
- Displaying my resume, past projects, contacts, and my achievements.

Tesdrop (iOS app) www.tesdrop.com   April 2016 – July2017
- Built a unique and user-friendly iOS app, Tesdrop, using XCode in Swift, AWS EC2, and MongoDB.
- It provides an easy way for students to share past exams so that they can maximize their resources and study smart.
- I worked on this iOS app along with two teammates. We cooperated by using GitHub.

Math SF (website) www.mathsf.com   December 2013 – December 2015
- Designed, built, and updated the website Math SF using WordPress.
- Math SF is a non-profit educational website. We provide math tutorials in self-recorded videos and practice tests based on CCSF's math syllabus.