

# Ken Chiu

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## Education

### University of California, Berkeley

Graduated in August 2018

- B.A. Cognitive Science; emphasis in Computer Science

## Technology Highlights

- Programming Languages:** Python Java C HTML CSS JavaScript Swift
- Frameworks:** Ruby on Rails Angular React Redux Django Node.js Express Bootstrap
- Other Technologies:** Restful API MYSQL MongoDB Git Linux/Unix Mac OSX Windows  
BDD TDD Agile Development Cycle

## Experience

### Microservices Intern. Sikka Software. San Jose, CA

December 2017 – June 2018

- Assisted in the development of an effective plan to migrate current platform functions to a Secure, Scalable "Microservices" environment.
- Designed User Interface.
- Developed Web apps using Angular, React Redux, and Node.js to solve business problems.
- Acquired HIPAA certification to work with confidential and sensitive data.
- Strategized ways to optimize query performance and cost from large data.
- Researched 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)

July 2017 – August 2017

- Improved and refactored a web app from legacy code using Ruby on Rails based on client's requests.
- Enrollme provided a platform for UC Berkeley students to connect each other and form teams in the CS169 class. It also provided administration features for Instructors to manage teams.
- The project was developed in collaboration with five other teammates by using Pivotal Tracker and GitHub.
- Practiced Agile software development cycle while developing Enrollme.
- Remodeled the app from forming teams statically to forming teams interactively 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 handled user events such as clicks and scrolls, and supported responsive web design based on the characteristics of the device used (desktop, tablet, mobile phone).
- Displayed my resume, past projects, contacts, and my achievements.

### Tesdrop (iOS app)

April 2016 – July 2017

- Built and deployed a unique and user-friendly iOS app, Tesdrop, using XCode in Swift, AWS EC2, and MongoDB.
- It provided an easy way for students to share past exams so that they could maximize their resources and study smart.
- The project was developed in collaboration with two other teammates by using GitHub.

### Math SF (website)

December 2013 – December 2015

- Designed, built, and updated the website Math SF using WordPress.
- Math SF was a non-profit educational website. It provided math tutorials in self-recorded videos and practice tests based on CCSF's math syllabus.