

# Ken Chiu

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## Education:

**University of California, Berkeley. Berkeley, CA**

Expected May 2018

- Bachelor of Arts: Cognitive Science; emphasis in Computational Modeling
- Minor: Computer Science

**CodePath University. San Francisco, CA**

January 2016 – April 2016

- Successfully completed an iOS app Development Bootcamp
- Learned how to build an iOS app from scratch

## Technology Highlights:

**Programming/ Languages:** Swift Python Java MYSQL HTML CSS JavaScript Ruby on Rails  
Learning React Native

**Skills:** XCode Atom Eclipse MongoDB Robomongo Node API Restful API  
JSON APIs Ajax Bootstrap jQuery Git Pivotal Tracker Linus/Unix  
Mac OSX Windows

## Projects:

**Enrollme (Ruby on Rails)** <https://damp-cove-57929.herokuapp.com/>

July 2017 – August 2017

- Improved and refactored a web app from legacy code using Ruby on Rails and Pivotal Tracker 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 5 other teammates using Pivotal Tracker and Ruby on Rails. We practiced **Agile** software development while developing Enrollme. We improved the app from joining teams in a static way to joining teams in an interactive way with team matching feature.

**Personal Portfolio (website)** <https://kenchiu100.github.io/>

June 2017 – Present

- Created my personal 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](http://www.tesdrop.com)

April 2016 – July 2017

- Built a unique and user-friendly iOS app, Tesdrop, using XCode, 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.

**Math SF (website)** [www.mathsf.com](http://www.mathsf.com)

December 2013 – Present

- 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.

**Yelp Maps(Python)**

September 2016 – October 2016

- Built a visualization framework for restaurant rating using machine learning and Yelp academic dataset while applying concepts of Building abstracts with Data and Sequences. Implemented K-means clustering algorithm in Python and optimized it through K-means++.

## Experience:

**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.

**Volunteer, Computer helper. Portola Branch Public Branch Library. San Francisco, CA** September 2015 – October 2015

- Provided patient support to Chinese immigrants engaged in basic and intermediate Internet and general computer activities.