

# Ken Chiu

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## Objective:

- To obtain an internship in a firm where I can enrich my professional experience in the Computer Science industry.

## 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

### City College of San Francisco. San Francisco, CA

January 2013 – May 2016

- Associate in Science for Transfer in Computer Science
- Associate in Science for Transfer in Mathematics
- GPA: 3.87

## Technology Highlights:

- Programming/ Languages: Python, Java, Swift, MySQL, HTML, JavaScript
- Programming Tools: Eclipse, Atom, Xcode
- Database Management: MongoDB, Robomongo
- Server Management: Set up server on Heroku, DigitalOcean, AWS EC2
- Rest API backend development: Build Node API and restful express API
- Systems: Windows, Linus/ Unix, Mac OSX

## Personal Design Projects:

### Tesdrop (iOS app) [www.tesdrop.com](http://www.tesdrop.com)

April 2016 - Present

- 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.
- The app is done. We are currently reviewing paperwork before submitting to the app store.

### 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.

## Course Project:

### 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.

## Languages:

- Fluent in both written and spoken Chinese and English.