

# Raymond Chan

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<http://raychan3.github.io/>

## Education

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### University of California, Berkeley

08/2013 – 12/2017

- GPA: 3.79.
- B.A. Computer Science and B.S. Business Administration.
- Upsilon Pi Epsilon Honor Society: Nu Chapter.
- Relevant Coursework: Data Structures (A-), Machine Structures, Analytic Decision Modeling (A+), Algorithms (A-), Artificial Intelligence (B+), Machine Learning (IP).

## Languages and Skills

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- (Proficient) Python, Git, (Experienced) Java, SQL, UNIX, Spring Framework, Hibernate, Flask, SQLAlchemy, C, HTML, CSS.
- Fluent in English, Mandarin, and Cantonese.

## Professional Experience

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### UC Berkeley – Undergraduate Student Instructor

01/2016 - Present

- Taught discussion and laboratory sections that consisted of 30 - 40 students for a computer science course (cs61a.org) that included recursion, O.O.P, data structures, interpreters, and SQL.
- Authored discussion handouts and laboratory exercises with other staff members.
- Recorded exam and discussion walkthrough videos and answered student questions on Piazza—an online forum—used by ~1800 students.

### ZapLabs LLC – Back End Software Engineering Intern

06/2016 – 08/2016

- Integrated payment, subscription, and webhook services for a RESTful web application on the Service and Controller layers utilizing Spring Framework.
- Refactored Hibernate ORM libraries and optimized Spring Batch Jobs.

### UC Berkeley – Course Tutor

06/2015 -12/2015

- Held weekly tutoring and review sections to strengthen students' understanding.

## Projects

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### OK Server; CS Assignment Manager (Python, Flask, SQLAlchemy)

08/2016

- Integrated Lab Assistant enrollments on the admin dashboard for CS 61A assignment manager.
- Added ability to publish and hide assignment scores using WTForms.

### 90-Day Implied Volatility via Neural Network Regression (Python)

Ongoing

- Configured neural net regression to predict securities' 90-day implied volatilities.

## Leadership

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### ACACIA Fraternity – President of California Chapter

12/2014 – 12/2015

- Cleared \$120,000 of accounts receivable between the chapter and the property management company and managed a \$40,000 budget by generating expense reports.