

# Raymond Chan

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## Education

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**University of California, Berkeley** 08/2013 – 12/2017 (expected)

- Cumulative GPA: 3.873.
- B.A. Computer Science and B.S. Business Administration.
- Relevant Coursework: Data Structures, Machine Structures, Analytic Decision Modeling, Algorithms (Spring 2016), Artificial Intelligence (Spring 2016).

## Professional Experience

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*UC Berkeley – Undergraduate Student Instructor CS61A* 01/2016 -Present

- Taught discussion and laboratory sections that consisted of 30 students.
- Authored discussion handouts and constructed laboratory exercises.

*UC Berkeley – Group Tutor for Computer Science 61A* 06/2015 -12/2015

- Explained concepts and worked through questions with five to six students.
- Held bi-weekly review sections to strengthen students' understanding of concepts.

*Senda Athletics Inc. – Operations Intern* 06/2014 – 08/2014

- Created an inventory-tracking platform that accounted for all products in various distribution centers.

## Projects

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*Pacman Search* 01/2016

- Created Pacman agents that collected food efficiently through a maze world.

*Git Version Control System (Java)* 04/2015

- Implemented basic commands such as checkout and branch, and advanced commands such as merge and interactive rebase.
- Applied Unit Testing to check basic functionality and combinations of commands.

*MapReduce PageRank* 11/2015

- Determined the importance of webpages by the number of incoming links

## 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.
- Conducted chapter meetings with 40 members and lead mock demonstrations.
- Improved risk management and contingency plans for social events.

*ACACIA Fraternity – Treasurer of California Chapter* 05/2014 – 12/2014

- Managed and allocated a \$40,000 budget effectively by generating weekly expense reports.
- Renegotiated member rent and Chapter budget with House Corporation Board.

## Languages and Skills

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- Experienced in Python, Java, C, HTML, CSS.
  - Fluent in English, Mandarin, and Cantonese.