

Raymond Chan

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

Education

University of California, Berkeley

08/2013 – 12/2017 (expected)

- 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).

Languages and Skills

- Python (Proficient). Java, Git (Experienced). C, HTML, CSS, SQL (Knowledgeable).
- Fluent in English, Mandarin, and Cantonese.

Professional Experience

UC Berkeley – Undergraduate Student Instructor CS61A

01/2016 -Present

- Concepts included recursion, OOP, basic data structures, and interpreters.
- 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

Search Agents (Python)

02/2016

- Implemented search algorithms and heuristics functions that maximized an agent's score through a Euclidean maze with adversarial agents.
- Developed reinforcement learning agents that utilized value iteration, Q-learning, greedy search, approximate Q-learning, and prioritized sweeping value iteration.

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.

Leadership

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.

ACACIA Fraternity – Treasurer of California Chapter

05/2014 – 12/2014

- Managed and allocated a \$40,000 budget effectively by generating weekly expense reports.