

Raymond Chan

raymondchan243@gmail.com
(925) 768-9895

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

Education

University of California, Berkeley	08/2013 – 12/2017 (expected)
<ul style="list-style-type: none">• 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

<i>UC Berkeley – Undergraduate Student Instructor CS61A</i>	<i>01/2016 -Present</i>
<ul style="list-style-type: none">• Course concepts included recursion, O.O.P, data structures, and interpreters.• Taught discussion and laboratory sections that consisted of 30 students.• Authored discussion handouts and constructed laboratory exercises.	
<i>UC Berkeley – Group Tutor for Computer Science 61A</i>	<i>06/2015 -12/2015</i>
<ul style="list-style-type: none">• Explained concepts and worked through questions with five to six students.• Held bi-weekly review sections to strengthen students' understanding of concepts.	
<i>Senda Athletics Inc. – Operations Intern</i>	<i>06/2014 – 08/2014</i>
<ul style="list-style-type: none">• Created an inventory-tracking platform that accounted for all products in various distribution centers.	

Projects

<i>Search Agents (Python)</i>	<i>02/2016</i>
<ul style="list-style-type: none">• 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.	
<i>Git Version Control System (Java)</i>	<i>04/2015</i>
<ul style="list-style-type: none">• 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

<i>ACACIA Fraternity – President of California Chapter</i>	<i>12/2014 – 12/2015</i>
<ul style="list-style-type: none">• Cleared \$120,000 of accounts receivable between the chapter and the property management company.• Conducted chapter meetings with 40 members and lead mock demonstrations.	
<i>ACACIA Fraternity – Treasurer of California Chapter</i>	<i>05/2014 – 12/2014</i>
<ul style="list-style-type: none">• Managed and allocated a \$40,000 budget effectively by generating weekly expense reports.	