

EDUCATION	University of California, Berkeley <i>B.A. Computer Science (3.41 GPA)</i> Relevant courses (* in progress): <ul style="list-style-type: none">Structure and Interpretation of Computer Programs, Data Structures, Great Ideas for Computer Architecture, Ruby on Rails, <i>Efficient Algorithms and Intractable Problems*</i>, <i>Artificial Intelligence*</i>	May 2019 (expected)
TECHNICAL SKILLS	Languages: Java, Python, C, MIPS, Scheme, SQLite Frameworks: Ruby on Rails Project Workflow: Git Operating Systems: Windows, Linux, Mac OS X	
PROJECTS	Caldine (Ruby on Rails) Personal Project: https://github.com/stevenistan/caldine <ul style="list-style-type: none">Collaborated in a team of four to design a social web application connecting UC Berkeley students to eat together at the dinning commonsWorked on users model, view, and controller to ensure proper interactions with the user's profile pageImplemented the carrierwave gem to allow users to upload a photo of themselves	November 2016 – present
	Pacman (Python) Course Project: <i>Artificial Intelligence</i> <ul style="list-style-type: none">Implemented various search algorithms (DFS, BFS, UFC, A*) and heuristics for a Pacman agent to complete unique maze levels (eat all the food, prioritize corners, etc.)Created agents with minimax and expectimax searching to work in a multi-agent environment	February 2017
	MIPS CPU (C, MIPS, Logisim) Course Project: <i>Great Ideas for Computer Architecture</i> <ul style="list-style-type: none">Built a two-pass assembler for a subset of the 32-bit MIPS instruction set and the corresponding processor circuit that can perform simple operations and read from/write to memory	November 2016
	Text Editor (Java) Course Project: <i>Data Structures</i> <ul style="list-style-type: none">Developed from scratch a text editor with capabilities such as cursor clicking, open and save, scrolling, word wrapping, undo and redo, and window resizingWorked with JavaFX for the graphical user interface (GUI)	March 2016
EXPERIENCE	CS 61B Lab Assistant <i>UC Berkeley EECS Department</i> <ul style="list-style-type: none">Assisted students with their lab coursework by helping them understand computer science topics in Java (data structures, algorithms, etc.)	August 2016 – present
	Externship <i>Cavium, San Jose, CA</i> <ul style="list-style-type: none">Shadowed engineers in the IC architecture team as well as the Design Verification team to further understand the chip design flow from the software design to hardware design stages	January 2017
	Lieutenant Governor <i>California-Nevada-Hawaii District, Key Club International</i> <ul style="list-style-type: none">Served and oversaw Key Club members across San Jose, Milpitas, Fremont, and Union CityOrganized Bay Area-wide socials, fundraisers, and service events for over 800 members, conducted monthly division council meetings, and served on a district committee	April 2014 – March 2015