Jessie Jin

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Education
UC BERKELEY | BACHELOR'S OF SCIENCE | AUG 2017 – PRESENT (EXPECTED MAY 2021)
- Major: Electrical Engineering and Computer Science (EECS)
- Current GPA: 3.83
- Related coursework: CS61A - Structure and Interpretation of Computer Programs, CS61B – Data Structures, CS61C – Computer Architecture (in progress), CS70 – Discrete Math/Probability (in progress)

Projects
LIGHT – FLASHLIGHT + STROBE + MORSE | JULY 2018
- Android flashlight application that has a SOS signal, strobing light option, and Morse code transmitter.
- Uses threads to wait for Morse code to finish transmitting before another button press.

TILE-BASED OVERHEAD GAME | FEBUARY 2018
- Created an engine for generating explorable worlds that the player can interact with (pick up items, fight monsters, gain/lose health).
- Worlds are generated randomly, and the player can save them to come back to.
- Design project that emulated a product development cycle.

BEARMAPS | APRIL 2018
- Implemented the back end of a web server that emulates Google Maps.
- Implemented rastering, the job of converting information into a pixel-by-pixel image, and routing, the task of finding the shortest path between two locations using a graph.

SCHEME INTERPRETER | NOVEMBER 2017
- Created an interpreter for a functional subset of the Scheme language.
- Interpreter had to read Scheme expressions, evaluate symbols, call built-in procedures, define procedures and lambda expressions, call user-defined procedures, and evaluate special forms.

Experience
CS61A & CS61B ACADEMIC INTERN | JANUARY 2018 - PRESENT
- Assisted students with understanding class material in lab and office hours. Used quick thinking and problem solving to help with designing and debugging.

AFX TECH COMMITTEE MEMBER | JANUARY 2018 – PRESENT
- Worked with a team on a new website to be used by hundreds of members of a dance organization.
- This semester, I will be on the roster app team, which works on the system for adding and dropping dancers.

Skills
- Proficient in Java and Python. Previous knowledge of Scheme and SQL. Learning C and Ruby on Rails.