Gregory Jerian

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EDUCATION

UC Berkeley   Berkeley, CA

B.A. in Computer Science   June 2017 - Present
- GPA: 3.86
- Expected graduation: Spring 2021

SKILLS

- Advanced proficiency in Java, Python
- Proficient in Git, HTML, CSS, NumPy, SQL, LaTeX

WORK EXPERIENCE

UC Berkeley EECS Department   Berkeley, CA

EE 16A Academic Student Employee   Aug. 2018 - Present
- Answer student questions about assignments in lab sections of around 50 students
- Give feedback on assignments to instructors and teaching assistants
- Perform auxiliary duties, including presenting in review sessions and grading

Palo Alto High School   Palo Alto, CA

Teaching Assistant for APCS   Jan. 2017 - August 2017
- Teaching assistant for a class of around 20 students
- Gave lectures on topics such as object-oriented programming and Big O notation

Rinconada Pool   Palo Alto, CA

Lifeguard/Swim Instructor   July 2015 - August 2017
- Enforced pool rules, policies, and procedures
- Provided customer service and care
- Maintained a safe area for customers

PROJECTS

Game of the Amazons AI
- Created a Java version of a strategy game using the Java AWT platform
- Wrote an AI that uses a minimax tree to play out an entire game as either player

Trip Finder
- Created a Java program that uses A* algorithm to find the shortest route between two map locations
- Gives a printout of what roads to take and the distance taken for each one

Logical Expression Interpreter
- Worked in a group to develop Java project that interprets logical expressions and generates truth tables using the Shunting Yard Algorithm