Gregory Jerian

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EDUCATION

UC Berkeley — Berkeley, CA
B.A. in Computer Science — Jun. 2017 - Present

- GPA: 3.864
- 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 – Aug. 2017

- Teaching assistant for a class of around 20 students
- Gave lectures on topics such as object-oriented programming and Big O notation

City of Palo Alto — Palo Alto, CA
Lifeguard/Swim Instructor — Jul. 2015 – Aug. 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 a Java project that interprets logical expressions and generates truth tables using the Shunting Yard Algorithm