Gregory Jerian

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EDUCATION

University of California, Berkeley | Berkeley, CA

B.A. in Computer Science, GPA: 3.864   **Jun. 2017 – May 2021**

- Coursework (selected):
    - CS 61A – The Structure and Interpretation of Computer Programs
    - Data C8 – Foundations of Data Science
    - EE 16A – Designing Information Devices and Systems I
    - CS 198 – Web Design DeCal
    - CS 70 – Discrete Mathematics and Probability Theory
    - CS 61B – Data Structures
    - Math 53 – Multivariable Calculus

SKILLS

- Advanced proficiency in Java, Python (NumPy, pandas, iPython)
- Proficient in Git, HTML, CSS, 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

EXTRACURRICULARS

Pioneers in Engineering | Berkeley, CA

Member of DevOps Team   **Aug. 2018 – Present**