Juan Elias

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EDUCATION

University of California Berkeley Berkeley, CA
Double Major: Bachelor of Arts in Computer Science & Applied Math *May 2025*

City College of San Francisco San Francisco, CA
Associate in Science in Computer Science *May 2023*

EXPERIENCE

Teaching Assistant Aug 2021 – May 2023
City College of San Francisco *San Francisco, CA*
- Conducted weekly office hours for CS-10-Intro to Computer Science, CS-110A-Intro to Programming, CS-111B-Programming Fundamentals: Java, and CS-111C-Data Structures and Algorithms: Java, offering personalized support to students by addressing questions, clarifying course material, and providing guidance on assignments.
- Graded assignments, delivering timely and constructive feedback to foster student comprehension and academic growth
- Facilitated interactive small group discussions and activities, promoting active learning and cultivating critical thinking skills among students.

Tutor Aug 2021 – May 2023
City College of San Francisco *San Francisco, CA*
- Provided tutoring support for the Computer Science Department, assisting students in grasping fundamental concepts and problem-solving techniques.
- Conducted regular tutoring sessions, guiding students through challenging programming assignments and reinforcing key principles in a clear and concise manner.
- Offered individualized mentoring, addressing specific learning needs and facilitating a deeper understanding of computer science topics, fostering academic success and confidence among students.

Field Operations June 2020 – Feb 2022
Admiral Security *Concord, CA*
- Managed staffing requirements for accounts, ensuring adequate personnel allocation, and coordinating training programs to equip staff with the necessary skills and knowledge for effective security operations.
- Implemented uniform standards and maintained compliance, ensuring that security personnel were properly outfitted to uphold a professional and consistent image.
- Maintained proactive communication channels with account owners, regularly assessing their needs, and providing responsive solutions to ensure client satisfaction and the successful execution of security services.

PROJECTS

Social Media Clone Website | *HTML/CSS, JavaScript, Bootstrap, Django* January 2022 – Present
- Designed and developed a dynamic social media clone website using HTML, CSS, and JavaScript, creating an engaging user interface and interactive features.
- Utilized Bootstrap framework to ensure a responsive and mobile-friendly design, enhancing the accessibility of the website across various devices.
- Implemented Django framework for efficient backend development, handling user authentication, database management, and seamless integration of front-end and back-end functionalities.
- Incorporated features like user profiles, posts, comments, and likes, fostering a social community experience and promoting user engagement.
- Created and integrated a chatbot using OpenAI API, enabling natural language interactions and providing automated assistance to users.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML/CSS, Assembly
Frameworks: Django, jQuery, Bootstrap, Node.js, React JS, WordPress
Developer Tools: Git, Jupyter, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse
Libraries: pandas, NumPy, Matplotlib