

# Eliel G. Jimenez

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**PROFILE:** Recent computer science graduate with a keen attention to detail and a goal-oriented mindset. Proven ability to excel in team environments, demonstrating strong collaboration and communication skills. Enthusiastic about learning from experienced professionals and eager to tackle new challenges in the tech industry.

**WORK EXPERIENCE:** **Systems administrator at TRN Law Associates** March 2024 – Present  
San Francisco, USA

Responsible for managing all aspects of the website, including server configuration, performance optimization, and security management. Ensures the website operates smoothly by addressing technical issues, applying updates, and implementing scalability measures as needed.

**EDUCATION:** **BACHELOR'S DEGREE IN COMPUTER SCIENCE** AUGUST 2020 – MARCH 2024  
University of California, San Diego, USA

**Associates Degree in Arts and Natural Sciences** AUGUST 2017 – June 2020  
Pasadena City College, Pasadena, USA

**PROJECTS:**

**Database Project (SQL)**  
Developed a relational database management system with a tokenizer for processing complex user queries, utilizing custom-built data structures including B+ Trees, Vectors, Maps, Tables, Queues, and Stacks. Designed and implemented core database functionalities, ensuring efficient query processing and data integrity, showcasing strong skills in SQL, data structures, and algorithm development

**Android App for San Diego Zoo**  
Developed an app allowing users to search for exhibits, create plans, and receive optimized directions with live location tracking. Implemented Dijkstra's Algorithm to find the most efficient route between exhibits, enhancing user experience and navigation efficiency.

**SKILLS:**

- Technical Skills
  - Experienced:** C++, Git
  - Skilled:** Python, C, HTML, CSS, JUnit, Espresso, Robolectric
  - Competent:** JavaScript, Java
- Soft Skills
  - Experienced:** Communication, Teamwork, Adaptability, Attention to Detail
- Language
  - Bilingual (Spanish – Native)

**COURSES:**

- Advanced Data Structures, University of California–San Diego
- Design and Analysis of Algorithms, University of California–San Diego
- Principles of Computer Operating Systems, University of California–San Diego
- Intro to Computer Security, University of California–San Diego
- Intro to Machine Learning, University of California–San Diego