

Arianna Hernandez

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EDUCATION

California State University Sacramento

Bachelor of Science in Computer Science

Minor in Business Administration (Finance)

Sacramento, CA

Expected Fall 2025

Relevant Coursework: Computer Network Fundamentals, Computer Organization, Unix Programming, Computability and Formal Languages, Software Engineering, Data Structure and Algorithms, Object Oriented Programming.

TECHNICAL SKILLS

Programming Languages: Proficient – Python, Java, CSS, HTML, SQL, Type Script, C programming

Software: Visual Studio Code, React Native, Android Studio, Excel, MySQL, AWS Lambda, AWS APIs, Lang chain Large Language Model (LLM) Framework, Unix/Linux (WSL2), Eclipse

Certifications: Advanced Excel McGraw Hill Certificate.

WORK EXPERIENCE

City of Vacaville – Part-Time

Vacaville City, CA

Youth Specialist Leader (After School Program)

September 2023–Present

- Engaged in youth leadership with Vacaville’s after school program, “Thank Goodness it’s Fun Day” (TGIF).
- Fostered an inclusive learning environment for the youth by providing mentorship and guidance; emphasizing problem solving, kindness, and leadership development.

Suisun City – Seasonal Internship

Suisun City, CA

Informational Technology Intern at the Human Resource Department

June 2022–September 2022

- Managed the administrator website for the City of Suisun, ensuring accurate and up-to-date information while monitoring HR (Human Resources) resource files for user accessibility.
- Developed and managed a comprehensive employee information database, which proved instrumental in completing intern research for the annual compensation salary survey of 2022.

PROJECTS

Medi-Track Healthcare Application (JavaScript, HMTL, CSS, React Native, Type Script)

- Engaged with a team to design an app that would help medical professionals manage patients’ information, medical record tracking, and laboratory test ordering.
- Managed front-end features to provide better navigation for user entry tasks.

Generated AI MLT Partner Bot (Python, Linux, AWS, LLM, WSL2)

- Developed a Python based module for retrieving and storing SEC EDGAR company data, focusing on the Central Index Key (CIK) lookup.
- Utilized dictionaries to map company names and stock tickers to their respective CIK numbers, facilitating quick lookups and enhancing the module’s performance.

Redis Project (C, Unix, Docker)

- Recreated Redi’s core data structures, including strings, lists, sets and hashes, to support operations like GET, SET, and EXPIRE.
- Implemented the Redis Serialization protocol to handle client server communication, ensuring correct commands and responses.

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

Management Leadership for Tomorrow (MLT)

San Francisco, CA

Career Preparation Fellow

March 2023–Present

- Selected among thousands of high achieving applicants to participate in this Career Preparation program focused on professional and leadership development.
- Completed exercises and assignments to develop leadership and technical skills within Software-Engineering.

Creating A Path to Success (CAPS)

Sacramento, CA

2022 Cohort Scholar

February 2022–August 2022

- Accepted among a competitive pool of applicants to research and apply public speaking on the effectiveness of ESG (Environmental, Social, and Governance).