Rover Juliann Gutierrez

5344 Moonlit Bay Way
Sacramento, CA 95835

480-304-1377
rovergutierrez007@gmail.com

SKILLS SUMMARY

- Programming languages: Python, C++, Java, JavaScript, TypeScript, PHP, MySQL, Html / CSS, Git
- Soft skills: Strong communication, adaptability, attention to detail, and team-oriented

EDUCATION

Bachelor of Science in Computer Science Graduated: Dec 2025
University of Arkansas, Fayetteville, AR | GPA 3.4

EXPERIENCE

Operation Intern, PAM Transport Fall 2022 – Fall 2025

- Utilized Walmart Retail Link to request callbacks and retrieve load assignment details to support scheduling and planning
- Created accurate Power BI reports to provide actionable insights for customers
- Responsible for overseeing the activities of their team of drivers

Computer Science Projects

Database Manager Spring 2025

- Developed a file-based database system in Python that enables storing, retrieving, updating, and deleting structured records
- Implemented efficient data search and retrieval through binary search, allowing quick access to records
- Applied object-oriented programming principles to manage data records and operations modularly.

Photon Project Spring 2025

- Created a real-time multiplayer laser tag application system using a client-server architecture in Python
- Implemented custom networking protocol to handle players actions, scores, and game state synchronization
- Applied Agile methodologies, including sprint planning, task breakdown among the team, and iterative feature development

Pottery Website Fall 2025

- Developed a full-stack sales management web application to track products, sales, and customer data using react with Typescript and CSS
- Implemented a Supabase backend to handle database storage, image uploads, and data persistence
- Designed a relational database schema using Supabase (PostgreSQL) to manage product and sales data

Machine Learning Model for Income & Expense Prediction Fall 2025

- Developed a supervised machine learning regression model to predict financial outcomes based on income and expense features
- Performed data preprocessing, feature engineering, and exploratory data analysis
- Evaluated model performance using error metrics to assess prediction accuracy

ORGANIZATIONS AND PROGRAMS AT THE UNIVERSITY OF ARKANSAS

Association for Computing Machinery (ACM) Fall 2024 – Fall 2025

- Actively participate in meetings, workshops, and volunteering events related to programming

LANGUAGES

- Fluent in English and Tagalog

Scholarship and Awards

Sophomore Advance Scholarship Fall 2023 - Spring 2024

- Awarded for academic excellence

Military Dependent Scholarship (MDS) Fall 2022 - 2025

- Awarded for academic merit as a dependent of a military service member