

Education

San José State University - San José, California

- B.S., Data Science | GPA: 3.9 | Aug 2023 - May 2025

College of the Sequoias - Visalia, California

- A.S., Computer Science for Transfer | GPA: 4.0 | Aug 2021 - May 2023
- A.S., Physics for Transfer

Skills

Programming: Python, SQL, C, C++, Java, R

Testing & Data Tools: MySQL, JMP, Google App Engine, Dash, Plotly

Data & ML Libraries: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow

Hardware Troubleshooting & QA:

- VR/AR prototype device setup, configuration, and troubleshooting
- Bug reproduction, root-cause isolation, and issue documentation
- Writing structured bug reports and logging defects for engineering teams
- Cross-functional communication with engineers and QA teams
- Research protocol compliance and data integrity validation

Experience

Collection Operations Technician/Data Quality Analyst, Experis @ Meta	Nov 2025 - Present
<ul style="list-style-type: none">• Performed structured device testing and user workflow validation in XR research project.• Performed device validation and firmware checks using PowerShell and macOS CLI tools; reproduced and isolated hardware-software defects, verified data integrity.• Document bugs with detailed reproduction steps, system conditions to support rapid resolution.• Collaborate with cross-functional engineers to refine XR research protocol.• Ensured collected datasets met quality thresholds thru systematic QA review and protocol enforcement.• Maintain strict handling procedures for prototype hardware and sensitive research data.	
Squad Leader Logistics & Communications Operations @ U.S. Army	Nov 2015 - Mar 2019
<ul style="list-style-type: none">• Served in Armed Brigade forward support company, Led two squads responsible for heavy equipment maintenance, supply-line transport, and convoy route planning in high-tempo environments.• Managed and safeguarded sensitive items (radio, JCR) requiring secret clearance and strict operational protocols. Maintained accountability of controlled equipment and encryption keys.	

Academic Projects

Auction and Marketplace System

- Designed normalized MySQL schema (BCNF, indexing, triggers) and developed a full-stack Node.js/React application supporting auctions, transactions, and user management.

Business Trends & Market Analysis

- Processed 1.5M+ records in Python; applied survival analysis, LSTM, and Random Survival Forest models, deploying an interactive Dash dashboard on Google App Engine.

Automated Food Classification

- Setup ML training environment and developed a Python CNN using transfer learning (EfficientNetB0, ResNet50) and data augmentation on Food-101, boosting accuracy to 80.7%.