Eric Zhao

San Jose, CA | (626)227-6836 | vet.ericzhao@gmail.com

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
· Performed structured device testing and user workflow validation in XR research projet.
· 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.
· Collaboricate 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
· 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%.