

John J Li

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OBJECTIVE A detail-oriented and analytical Data Science student at Arizona State University with a strong foundation in programming, systems, and hands-on technical problem-solving.

SKILLS

Programming and Scripting: Javascript, C++, C, Java, Dart, HTML, CSS, SQL, Python

Frameworks & CMS: Vue.js, React.js, React Native, Flutter

Databases: Redis, Valkey, PostgreSQL

Operational Skills: Organization, Project Coordination, Time Management, Attention to Detail

Languages: English, Mandarin Chinese

RELEVANT PROJECTS *Data Poisoning Attacks on Domain-Specific Large Language Models* Dec 2025
Data Science Capstone Project

- Conducted adversarial machine learning research validating the constant threshold hypothesis for data poisoning attacks on domain-specific LLMs, demonstrating that as few as 250 poisoned samples can compromise medium scale models.

Automating Development Workflow with Docker and Ansible Nov 2025
Personal Project

- Engineered a fully automated, Infrastructure-as-Code development environment using Ansible, Docker, and Arch Linux with Btrfs snapshots, enabling complete system recovery and reproducibility in minutes through declarative configuration management.

Training Convolutional Neural Network on Individual Pokemon Cards Oct 2025
Machine Learning-Data Science Course Project

- Architected and trained an EfficientNetV2-B0 transfer learning model on 719,000 augmented images across 3,595 Pokémon card classes, achieving 90.27% validation accuracy using mixed-precision training, dynamic learning rate schedules, and early stopping callbacks on AWS GPU infrastructure

Using Leaflet with Next.js to Track Taken Vacation Routes Sep 2025
Personal Project

- Developed a full-stack geospatial web application using Next.js, React-Leaflet, and OpenStreetMap to interactively visualize and share multi-country travel routes across Taiwan, Korea, and Japan with client-side GeoJSON rendering

Team Member Spring and Summer 2024
99 Ranch International Market

- Assisted customers with product selection and inquiries and collaborated with team members to maintain a clean and organized store environment.

EDUCATION *Bachelor of Science, Data Science*
Arizona State University, Tempe, AZ
Date of Graduation: December 2025

RELEVANT COURSEWORK Data Structures and Algorithms, Machine Learning-Data Science, Introduction to Networking, Statistical Modeling and Inference