

Orrane Reid

West Covina, California, United States

626-838-4032 | reid.orrane@gmail.com | [linkedin.com/in/orrane-reid](https://www.linkedin.com/in/orrane-reid) | github.com/rainyday21 | rainyday.is-a.dev

EDUCATION

California State University - Los Angeles

Master of Science in Computer Science

Los Angeles, CA

August 2024 – May 2026

California State Polytechnic University, Pomona

Bachelor of Science in Computer Science; Amazon Career Choice

Pomona, CA

August 2020 – December 2023

TECHNICAL SKILLS

Certifications: Artificial Intelligence Fundamentals: IBM, AWS Educate Machine Learning Foundations

Languages: Java, Python, C/C++, Dart, Kotlin, SQL (Postgres, MySQL), JavaScript, TypeScript, HTML/CSS, R

Frameworks: Flask, JUnit, Material-UI, Flutter, React & React Native, Express, Svelte, Vue, Qiskit

Developer Tools: Git, Docker, Amazon AWS, Google Cloud Platform, VS Code, PyCharm, IntelliJ, Wireshark, Linux, LaTeX, IBM Quantum Platform

Libraries: Express, Fastify, Matplotlib, NumPy, Pandas, PyTorch, SciPy, Scikit-learn

WORK EXPERIENCE

Warehouse Associate

Amazon DAX7, DSP1, LGB7

July 2021 – Present

South Gate, CA; Rosemead, CA; Rialto, CA

- Worked in order fulfillment with roles in the fulfillment and distribution cycle of Amazon packages.
- Worked with artificial intelligence for item storage and retrieval in the fulfillment cycle
- Utilized Amazon Career Choice for educational and professional pursuits in computer science

Freelance Teaching

Introduction to Java Programming

June – July 2022

Online

- Delivered Java-based computer science curriculum to elementary and middle school students
- Taught introductory computer science concepts based on collegiate-level material
- Utilized remote development environment via SSH and self-hosted storage for isolated and secure monitoring

TECHNICAL EXPERTISE

LLM Subgoal Formation: CSLA Thesis | Langchain, Jupyter Notebooks, Ollama

September 2025 – May 2026

- Created a large language model (LLM) pipeline for converting high level goals to accessible subgoals for vulnerable populations
- Utilized a mix of dense and MOE for local LLM processing and integrations
- Tested against TravelPlanner and Natural Plan dataset for gauging accuracy

Book Recommendation System | PyTorch, Scikit-learn, Kaggle, cuml

November 2024 – December 2024

- Created embeddings of pretrained book data found from the Project Gutenberg library and hosted on Kaggle
- Utilized Google's pretrained BERT LLM for book and inquiry embeddings
- Accelerated workloads with CUDA and compatible PyTorch, Jupyter, and Scikit-Learn libraries
- Visually mapped via UMAP and HDBSCAN clustering

ParkIt Mobile Application | React Native, Node, TypeScript

September 2024 – December 2024

- Contributed to cross-platform mobile application platform for parking space rental
- Created front-end components for owner and user experiences using React Native
- Implemented back-end routing via Express, including file upload via Multer and API integration

Image Recognition Model | PyTorch, Scikit-learn, Kaggle

November 2023 – December 2023

- Formulated a convolutional neural network (CNN) for image recognition using PyTorch
- Utilized Python libraries to initialize datasets, train, and test model
- Attained over 70% in Kaggle competition

CERTIFICATIONS

AWS Educate Machine Learning Foundations

AWS Educate

July 16, 2026

Artificial Intelligence Fundamentals

IBM SkillsBuild

June 14, 2024