

Paolo Salazar

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EDUCATION

University of California, Riverside - Riverside, CA

Expected: Aug 2027

Pursuing BS, *Computer Science with Business Applications*

Antelope Valley College - Lancaster, CA

Jun 2022 - Jun 2025

AS in *Computer Science, Mathematics, & Physics*

PROJECTS

Flight Price Tracker (Python, JavaScript):

Jan 2026

Built an automated flight price tracking application that monitors fare changes and delivers real-time price alerts through email and SMS, reducing manual search time by 80%.

Song Sortify App (Python, JavaScript):

Mar 2026

Developed a music organization application that automatically categorizes users' liked songs into personalized playlists, reducing manual playlist sorting by 70%.

EyeSpy (Python, TypeScript):

Apr 2026

Developed a travel-safety web platform, integrating the Gemini API with a reference dataset to perform AI-powered visual room analysis, detect potential safety risks, and generate voice-guided findings and automated safety reports.

WORK EXPERIENCE

Neurogica Inc. - Tokyo, Japan

Jun 2026 - Aug 2026

Software Engineer / Machine Learning Intern

- Developed an interactive Python model comparison application to evaluate the effects of post-training quantization on time-series forecasting models across forecast accuracy, error, and inference latency.
- Designed and executed large-scale experiments on AWS, analyzing millions of forecast trajectories to investigate quantization effects on predictions, uncertainty distributions, prediction intervals, and quantiles.
- Analyzed millions of forecast trajectories, evaluating prediction intervals, quantiles, and uncertainty distributions to support research on quantized time-series models.

HexHomes - Riverside, CA

Mar 2026 - Jun 2026

Full-Stack Developer

- Expanded and restructured core website components, implementing new features to improve site functionality and user experience.
- Collaborated with the marketing team, a lead developer, and fellow team members to translate product requirements into technical solutions, using GitHub for version control and team development.

The City of Palmdale - Palmdale, CA

Oct 2021 - Dec 2021

Traffic Engineering Intern

- Deployed and monitored 50+ traffic counters, collecting and organizing traffic data to support engineering analysis and infrastructure projects.
- Prepared reports and technical documentation from collected traffic data, supporting engineers in evaluating project needs and roadway conditions.

LEADERSHIP & INVOLVEMENT

AVC STEM Club

Aug 2024 - Jun 2025

- Led a 4-member team to develop a JavaScript trivia website for a 50+ attendee event, increasing engagement by 40%.

CutieHack

Nov 2025

- Collaborated with a 4-member team to build and deliver a student-organization web app within a 12-hour hackathon.

Association for Computing Machinery (ACM) at UCR

Jan 2026 - Jun 2026

- Collaborated with a 4–6 member team to develop a full-stack website, using GitHub to coordinate development and track progress.

SKILLS

- **Languages:** Python, JavaScript, Java, C++, SQL
- **Frameworks & Technologies:** React, Streamlit, AI/Machine Learning, Data Analysis, Data Visualization
- **Developer Tools:** Git, GitHub, AWS
- **Strengths:** Leadership, Communication, Organization, Problem-Solving, Analytical Thinking, Adaptability, Time Management