

Kevin Jijon

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SUMMARY

Aspiring Python Engineer with hands-on experience as a Software Engineer Intern, contributing to Python-based data pipelines and enhancing project workflows. Developed a feature for energy visualization platforms using Python, improving sustainability analytics for over 200 organizations. Eager to leverage technical skills to drive impactful solutions in Software engineering roles.

EDUCATION

Bachelors of Science in Computer Science, Cal State University Long Beach | Long Beach, CA June 2025 - June 2027

Associates of Science in Computer Science, Santa Monica College | Santa Monica, CA August 2022 - June 2025

SKILLS

Programming Languages: C++, C, Python, Rust, Java, Javascript, Typescript, SQL

Tools and Technologies: Node.js, React, Mocha.js, Chai, PyTorch, Scikit-learn, Docker, Git

Machine Learning: Supervised and Unsupervised Learning, Model Evaluation, Natural Language Processing, Data Science

EXPERIENCE

Software Engineer Intern CodeDay | Remote, CA June 2025 - Present

Dagster

- Enhanced open source codebase by implementing support for Python's **DataFrames** models in the Dagster data-pipelines, adhering to coding best practices and maintaining comprehensive code documentation.
- Developed and integrated a suite of unit tests into the project's CI workflow, increasing coverage by 20% and reinforcing quality assurance and defect management practices.

Student Mentor and Research Assistant | Los Angeles, CA September 2023 - June 2025

USC Student Engagement, Exploration and Development (SEEDS) Program

- Provided culturally responsive teaching to 15 sessions with 50+ middle school students to improve their academic progress
- Demonstrated exceptional teamwork and intercultural **leadership** by supporting the research study and co-designing the curriculum with a diverse team of 40 members, enhancing the program's inclusivity and effectiveness.

Software Engineer Micro-Intern CodeDay | Remote Jan 2025 - March 2025

Open Energy Dashboard (OED)

- Contributed to an open-source energy visualization platform, that helps organizations analyze energy consumption, by enhancing state management and UI customization using **React**, **TypeScript**, and **JavaScript**.
- Implemented features to convert energy readings (kWh) to carbon emissions (kg CO₂) to enhance sustainability analytics serving 200+ organization dashboards
- Developed a comprehensive test suite using **Mocha.js** and **Chai** to validate unit conversions, ensuring data accuracy and reliability.

Bibliometric Research Intern | Remote June 2024 - September 2024

Think Neuro, Inc.

- Conducted AI-driven bibliometric analysis on Brain-Computer Interface (BCI) research using R programming.
- Developed and presented presentations showcasing how AI models like **convolutional neural networks** and **decision trees** enhance BCI performance, improving signal clarity and intent detection.

Artificial Intelligence Los Angeles (AILA) Fellow | Los Angeles, CA Jan 2024 - June 2024

Providence Hospital

- Developed AI-driven solutions to enhance patient care and data management systems.
- Optimized medical data analysis workflows, developing dashboards that enabled real-time monitoring of patient metrics.
- Assisted in troubleshooting hospital computing systems to improve operational efficiency.

PROJECTS

Predictive Analytics for Heart Disease | Personal Project Sep 2023 - Dec 2023

- Engineered a machine learning model to predict the occurrence of heart disease using a Kaggle dataset.
- Applied **Python**, **scikit-learn**, and **Pandas** for feature selection, model training, and evaluation.