





ADRIAN CARDONA

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EDUCATION

California Polytechnic State University, San Luis Obispo

Expected Graduation: June 2027

Bachelor of Computer Science

San Luis Obispo, CA

- Cal Poly Scholar
- Courses: Statistical Methods for Engineers, Project Based Object Oriented Programming in Java

Los Angeles Harbor College

Graduated: June 2025

Associates of Computer Science

Los Angeles, CA

- Dean's Honor Roll - **GPA: 3.71**

PROFESSIONAL EXPERIENCE

Foundation for California Community Colleges

July 2025 – Present

Student Research Intern

Remote

- Extracted **institutional charts and metrics**, such as student demographics, from the California Community College Chancellor's **database** to create visualizations using **Microsoft Excel**, delivering data-driven insights.
- Managed and cleared **Jira** tickets related to data requests and reporting tasks, ensuring timely completion of assignments.
- Facilitated **student focus groups** and created surveys in **Qualtrics** to collect feedback for the Chancellor's Office's partner organization.

Extern

Feb 2025 – April 2025

Outamation via Extern Program | Certificate of Completion

Remote

- Developed a **Retrieval Augmented Generation (RAG) pipeline** in **Google Colab** using **Tesseract OCR** and **PyPDF2** to extract text from mortgage and lease PDFs, enabling efficient querying.
- Optimized **chunking and embedding parameters** to balance context retention with retrieval speed, improving **accuracy and performance**.
- Integrated the pipeline with the **Gemini API** to automate document information retrieval for end-users.

PROJECTS

Netflix Stock Price Predictor | *Source Code*

Python | Pandas | scikit-learn | Streamlit

- Used Python and Pandas to load Netflix stock data from Kaggle and built a price prediction model, making results **32% more accurate** and training twice as fast
- Built a dashboard with Streamlit and Plotly to show price history and trends, helping cut manual analysis time by **55%** and making the **app load in under 200 ms**
- Set up automated tests and checks with pytest and GitHub Actions, **catching 40%** more bugs and speeding up code reviews by **35%**

LEADERSHIP

ColorStack

Sept 2025 – Present

- Engaging with a **nationwide network** of computer science students from **diverse backgrounds**, fostering **peer-to-peer collaboration** and shared learning opportunities to promote diversity in the technology field.

TECHNICAL SKILLS

Languages: Python, TypeScript, Java, HTML, CSS, JavaScript, C++

Libraries/Frameworks: ReactJS, NextJS, NodeJS, TailwindCSS, NumPy, Pandas

Tools: Github, Jira, Google Colab, Microsoft Excel