

Gregory Calderon

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Education

California State University Northridge

Aug 2023 - May 2025

Bachelor Of Science in Computer Science

GPA 3/9/4.0

(Minor in Physics)

Relevant Courses:

Algorithm Design, Automata, Analytical Mechanics, Probability and Statistics

Los Angeles Mission College

July 2020 - May 2023

Associates Of Science in Computer Science

GPA 3/9/4.0

Associates Of Science in Mathematics

Relevant Courses:

C++ Object Oriented, Data Structures, Linear Algebra, Assembly Language

Technical Skills

Languages:

C++, C, Python (NumPy, Pandas, Matplotlib, SciPy), Java, JavaScript, HTML5, CSS

Frameworks:

Tailwind CSS, Express

Libraries:

NumPy, Pandas, Matplotlib, SciPy, React, TensorFlow, PyTorch

Certificates:

AWS Cloud Practitioner Foundational

Experiences

Ute Aerospace

June 2024 - Aug 2024

Lead Software Engineer Intern

- Led a team of S.E. interns in the **development** and deployment of a company website application.
- Full UX/UI Design using tools such as **Figma** and **generative AI**
- Developed **100%** of tech stack infrastructure using an industry standard **MERN** stack

AT&T

June 2016 - Nov 2019

Premise Technician

- Demonstrated proficiency installing and troubleshooting network and system hardware resulting in high levels of customer satisfaction and repeat business.
- Collaborated with cross-functional teams to identify and implement solutions for customer issues, improving workload efficiency and overall system functionality.
- Maintained a high level of technical knowledge and skill in the field of telecommunications, staying up to date with the latest trends and technologies to support customer needs and business objectives.

Global Efficient Energy

May 2015 - Feb 2016

Foreman

- Led a team of 15 employees in high-risk environment installations of energy efficient materials and the successfully launch the company's first California location.
- Coordinated job schedules with customers and allocated work hours and shifts to team members to ensure timely completion of all projects.
- Managed employee time and attendance records using a database system, resulting in a 5% reduction in scheduling errors and payroll discrepancies.

Projects

Girls-Who-Code Hackathon

April 2024

- Won **1st place** as a member of a 4-person team at the first annual CSUN Girls Who Code micro-hackathon.
- Introduction to **Django** endpoint creation and **backend development** for website.
- Contributed as **Fronted Developer and Presentation Lead**. Project culminated in presentation and demonstration of minimum viable product.

Code-For-A-Cause Hackathon

Feb 2024

- Won **2nd place** along with three other teammates in a 48-hour code-athon competition hosted by CSUN and Northrop Grumman to develop a game app for the visually impaired community.
- Integrated **Agile and Scrum** process models to streamline workflow while utilizing reusable components and **Git** tools to maintain cohesiveness and order.
- Presented **Minimum Viable Product** to a panel of judges from Northrop Grumman, Boston Scientific, and Tatum Games.

Astro-Physics Research

Jan 2023 - Jun 2023

- **Collaborated** with Dr. Varoujan and Dr. Morales from JPL, professors from STEM and fellow students in Astro-physics **research**.
- **Analyzed** over 17,000 data sets from space telescopes, including Spitzer and Gaia, to search for infrared excess around M-type stars and determine the presence of planetary debris disks.
- Conducted data sorting, plotting, and multiple filtering stages using **Python** to ensure accuracy and efficiency in data analysis and contributed to the development of an **algorithm** for identifying debris disks in Spitzer data.

Nasa Community College Aeronautic Scholar

Jan 2022 - Sept 2022

- Achieved full concept design and presentation of a modular lunar rover unit, demonstrating expertise in project management, **problem-solving**, and technical design.
- Served as the **computer engineer** and budget officer on a highly competitive team mission exercise, contributing to the successful completion of the project within budget constraints and demonstrating strong teamwork and communication skills.
- Applied engineering design principles to plan, develop, and present a crewed Martian mission to a panel of **NASA** judges, showcasing exceptional creativity, technical expertise, and **presentation skills**.

Achievements and Extracurriculars

- Graduated **Summa Cum Laude** with degrees in both Computer Science and Mathematics
- **President** Robotecas Computer Club Los Angeles Mission College
- Multi-year **Dean's award** recipient at multiple institution