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, Java, JavaScript, Assembly, HTML5, CSS
Frameworks: Tailwind CSS, Express
Libraries: NumPy, Pandas, Matplotlib, SciPy, React, TensorFlow, PyTorch
Certificates: AWS Cloud Practitioner Foundational
Areas of Interests: Machine Learning, Autonomous Software, Software Engineering, Data Science

Experiences

Ute Aerospace — June 2024 - Aug 2024
Lead Software Engineer Intern

- **Led** a team of S.E. interns in the full **development and deployment** of a company website application.
- Full **UX/UI Design** using tools such as Figma and **generative AI**
- Developed 1**00% 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 **15% 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 **Frontend 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 hackathon 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 institutions