

Pedro Gonzalez

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PROFESSIONAL SUMMARY

Tech for impact CS graduate working at the intersection of AI, Cybersecurity, and Social Impact, building LLM-based privacy tools, STEM outreach initiatives that support underrepresented communities.

EDUCATION

Bachelor of Science in Computer Science

California State University San Bernardino

2026

San Bernardino, California

WORK EXPERIENCE

Tech Associate

[Polilit](#)

March 2026 – Present

San Bernardino, California

- Developed data acquisition pipelines handling thousands of documents, providing technical consultations and making visualization for key stakeholder

AI security research intern

[The ACTION NSF Artificial Institute UC Santa Barbara](#)

June 2025 – August 2025

Santa Barbara, California

- Developed RedactBench: the first framework for automated LLM-based redactions and synthetic document generation pipeline
- Poster presentation at uc Santa Barbara 2025 summer undergraduate research colloquium reaching over 200 attendees
- Awarded 1st place for research poster presentation at CSUSB's 15th meeting of the minds, competing in poster group 59b-62b

Project Manager

[Ride Splits](#)

June 2025 – August 2025

San Bernardino, California

- Coordinated team onboarding and project workflows while implementing an AI chatbot feature to improve platform functionality and user support.
- Innovated a smart commuting social platform aimed at solving transportation infrastructure problems in my community using technology and placing 3rd in introducing youth to American infrastructure (iyai+) international innovation challenge

Emerging Technology, Innovation, and partnerships (ETIPS) Fellow

[California State University San Bernardino](#)

March 2025 – May 2025

San Bernardino, California

- Completed hands-on workshops in AI, machine learning, quantum computing, and semiconductor technologies using Jupyter, Google colab, cloud notebooks, and high-performance computing resources.

Awards and Certificates

USCC Cyber Boot Camp Certification of Completion – 2026 | Claude 101 – 2026

HACU career readiness certification - 2026 | AAAI (academic applications of AI) - 2025

HSF (Hispanic scholarship fund) - finalist – 2025

HACU (Hispanic association of colleges and universities) scholarship - 1 out of 20 at CSUSB – 2024

GSEC (GIAC security essentials) - 2024 | GFACT (GIAC foundational cybersecurity technologies) - 2023

CyberStart America national cyber scholar - (top 1000 out of 45,962) - 2022

PROJECTS

[SkillsUSA 2026 California State Competition](#) | Cyber Security

- Created 8 unique cybersecurity challenges in cryptography, steganography, and password cracking

[Distribute Computing Contributor](#) | Folding At Home (F@H)

- Contributed computational resources to F@H, a citizen-science distributed computing project supporting large scale biomedical and disease research
- Built a custom Linux pc for reliable long-term usage with high GPU utilization while maintaining temperature in mid-70's under load earning 39 million points, completing 1500 work units, ranking 75k out of 3M+ ranked donors

California Disadvantaged Communities (DAC) classifier | Python

- Cleaned original [dataset](#) of over 2k communities implementing support vector machine and random forest classifier with approximately 90% accuracy

[FrasesLit](#) | HTML, CSS, JS, JSON

- Compiled 1k+ entries for a dataset that covers AP Spanish literature and culture curriculum allowing students to be immersed in Spanish literature

[StrongPass](#) | Cyber Security, Python

- Designed a python-based password strength analyzer incorporating rule-based validation and common-password detection to simulate real-world credential vulnerabilities beyond standard complexity requirements and improve security practices.

TECHNICAL SKILLS

Languages | Python, Java, C++, R, HTML, CSS,

Developer Tools | GitHub, Visual Studio Code, Cursor, Claude, ChatGPT, Antigravity

Cyber | VMware, VirtualBox, Linux, Wireshark, CyberChef, Ophcrack, CrackStation, HashCat, Exiftool

Libraries | Tailwind, OpenAI, Mimesis, Faker, React

Affiliations and Leadership

[Cyber Intelligence and Security Organization \(CISO\)](#) | Member | **February 2025 – May 2026**

- Competed in [National Cyber League \(NCL\)](#), achieving Diamond Division (Top 100) in team games and Gold Division individually.
- Participated in hands-on penetration testing (DogPark), web exploitation, and CTF exercises.

[Computer Science and Engineering Club](#) | Outreach Officer | **August 2025 – May 2026**

- Presented workshops on distributed computing, virtual machines + bootable usbs, and e-waste + repurposing tech
- [CSUSB hackathon winner](#) by scoring the most points and completing the most hacker rank problems during the competition

[JumpStart into Cyber \(JIC\) NSF funded program](#) | Participant | **2023 – 2024**

- Sec275: foundations: computers, technology, & security and Sec401: security essentials - network, endpoint, and cloud learned about Linux, virtual machines, and cyber security concepts