

Pitzil Avila-Castellanos

pcastellanos24@apu.edu | linkedin.com/in/pitzil

Computer Science student with 12+ years of nonprofit experience and bilingual fluency in Spanish and English. Passionate about deploying technology in service of underrepresented communities, from California foster families to offline infrastructure built for Ugandan students.

EDUCATION

Azusa Pacific University

Bachelors of Science, Computer Science

Azusa, CA

Expected December 2028

- Trustees Scholar — awarded for 4.22 GPA and Valedictorian status at Walnut High School
- Dean's List Recipient Fall 2025, Spring 2026
- Hispanic Information Technology Executive Council (HITEC) Scholar — selected for academic and vocational excellence
- Linux Foundation Inclusivity Scholar — selected to attend Open Source Summit North America 2026

COMMUNITY ENGAGEMENT

Bithiah's Family Services

Coordinator of Volunteers

Pomona, CA

September 2020 – Present

- Led a bilingual initiative translating 80+ pages of materials into Spanish; coordinated 50+ supply distribution events for foster and adoptive families

Volunteer

September 2014 – September 2020

- Volunteered at fundraisers, galas, and resource distribution events serving foster and adoptive families in the local community

California State Capitol

Student Testimony - SB 897

Sacramento, CA

January 2024 – September 2024

- Testified before the Senate and Assembly Education Committees; collaborated with Senator Josh Newman and 15+ school districts statewide to advance equity in education legislation

TECHNICAL EXPERIENCE

International Youth Alliance for Peace

Systems, Intelligence, and Monitoring Intern

Colombo, LKA

July 2026 – Present

- Conducted structured discovery interviews with NGO partners across South Asia and Africa; synthesized qualitative data from each session into comprehensive organizational assessment profiles informing IYAP's international partnership strategy
- Produced written content including a published blog on education equity, stakeholder briefings, and professional communications for an organization with volunteers across 6+ countries

Watoto, Intl.

Software Engineering Intern

Kampala, UG

February 2026 – Present

- Engineered an offline-first edge server on a LattePanda Iota with GL.iNet Opal networking, broadcasting a private WPA3 hotspot to serve a Django application with zero internet dependency, built to withstand power outages in a Ugandan community school
- Deployed a full production stack (Django REST API, PostgreSQL, React frontend, Unicorn WSGI, Nginx reverse proxy with HTTPS) on the edge device, generating resumes for thousands of students in a fully offline, low-resource environment

Azusa Pacific University

Junior System Administrator

Azusa, CA

January 2026 – Present

- Developed a Python-based automated audit system that ingests and analyzes endpoint data across 700+ macOS devices, surfacing compliance patterns against university naming conventions
- Standardized Mobile Device Management (MDM) workflows in Jamf Pro to streamline campus-wide technology deployments and reduce manual overhead

Newegg Commerce, Inc.

Data Analyst Intern

Diamond Bar, CA

June 2025 – August 2025

- Conducted a 55-point customer experience audit, applying structured data analysis to identify behavioral patterns across key touchpoints; synthesized findings into executive presentations for 10+ company leaders and C-Suite
- Produced weekly Excel-based reports on customer experience trends for direct review by C-Suite stakeholders

SKILLS

Languages & Tools: Python, Java, PostgreSQL, MySQL, HTML, Django, Bash, React, Git, Linux, Jamf Pro

Spoken Languages: Spanish (native), English (native)

HONORS & AWARDS

Girl Scout Gold Award | Women of AT&T Scholarship | Project Lead the Way Computer Science Service and Leadership