

Samuel Sandoval

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SKILLS & CERTIFICATIONS

- **Technical:** AWS, Python, SASE, SD-WAN, REST APIs, Cisco Meraki, MPLS, Cloud-Edge Connectivity
- **Certifications:** AWS Certified AI Practitioner, Zscaler Certified Sales Engineer, Zscaler Zero Trust Cyber Associate, Adtran Certified Carrier Professional
- **Eagle Scout:** Fundraised and completed 200+ hour project for a local museum.
- **Interests:** playing soccer, pickleball, hiking, milk tea, volunteering, spending time with my cat

WORK EXPERIENCE

Lumen Technologies | Solutions Engineer | Remote - Southern California Jul 2023 – Present

- Architected high-bandwidth, low-latency network fabrics (SASE/NaaS) for enterprise AI applications, driving 10% quarterly revenue growth and expanding long-term account value.
- Achieved a 40% enterprise conversion and expansion rate by designing Zero Trust security frameworks for LLM integration, accelerating onboarding across 10+ quarterly PoCs.
- Engineered hybrid cybersecurity solutions (SASE, SSE, Cloud Firewalls) to replace legacy MPLS, cutting client operational costs by 18%, reducing breach risk, and ensuring 100% SLA compliance post-deployment.
- Developed custom Agentic AI workflows using M365 Copilot Studio to demonstrate real-time ROI, shortening time-to-value by 15 days and driving long-term platform adoption.

USAA | Product Manager Intern | San Antonio, TX Jun 2022 – Aug 2022

- Spearheaded the development of an Android app feature that enabled employees to create system notifications, driving a 15% increase in user engagement and improved app communication effectiveness.
- Collaborated with developers and designers to align in-app learning content with product updates, ensuring seamless user experiences and reducing feature-related support tickets by 12% post-launch.

Microsoft | Explorer Intern | Remote May 2021 – Aug 2021

- Partnered with software engineers to design and implement tooling that captured real-time telemetry from Azure Virtual Machine (VM) deployments, improving visibility into deployment performance.
- Developed a C# algorithm to intelligently prioritize deployment tasks, reducing VM provisioning time by 15–20% and increasing reliability of the deployment pipeline.

Google | STEP Intern | Remote May 2020 – Aug 2020

- Developed & launched an MVP of a web platform that focused on connecting students with tech professionals using HTML/CSS, Typescript, and Java Servlets 4 weeks ahead of schedule for the product launch.
- Led usability testing with 20+ users, identified 8+ UX pain points and implemented and improved the task success rate by 40% in post-test evaluations.

EDUCATION

California State University, Fullerton

Bachelor's of Science in Computer Science

Fullerton, CA

Aug 2019 - May 2023

- Honors: *magna cum laude*; 3.7/4.0 GPA
- **Recent Courses:** Data Structures, Algorithm Engineering, Computer Networking, Data Science, Statistics