

# BLAKE CULBERTSON

---

SOC Analyst | IT & Systems Administration  
Northern CA | [blake@blakeculbertson.com](mailto:blake@blakeculbertson.com)  
GitHub: <https://github.com/xizbow1>

## EXPERIENCE

### Student SOC Analyst – Cal Poly Humboldt

AUG 2026 – PRESENT

- Investigate endpoint, identity, email, and network security alerts using Elastic Security, CrowdStrike Falcon, Proofpoint, and Microsoft Entra ID.
- Correlate authentication logs, MFA activity, endpoint telemetry, and email records to identify and respond to account compromises.
- Develop and tune Elastic detection rules and exceptions to reduce false positives while preserving meaningful security coverage.

### Tier 1 Help Desk Technician – Cal Poly Humboldt

DEC 2024 – AUG 2026

- Provided Tier 1 technical support to students, faculty, and staff via phone and in person, troubleshooting Wi-Fi connectivity, hardware, software, and account-related issues.
- Used Fischer and KBOX to manage user accounts, process support tickets, document resolutions, and escalate complex technical issues.

## TECHNICAL PROJECTS

### Self-Hosted Cloud Infrastructure – OCI, Docker, Caddy, Cloudflare, Linux

- Deployed containerized applications on an Oracle Linux ARM64 instance using Docker Compose, Caddy, and Cloudflare DNS.
- Configured HTTPS reverse proxying, persistent storage, and automated GitHub-based deployments.

### HumGlot – Educational Web Application – PHP, Oracle Database, GitHub, Docker

- Collaborated on a PHP web application backed by Oracle Autonomous Database.
- Configured containerized development environments and isolated database schemas for team development.

## SKILLS

- **Security:** Elastic Security, CrowdStrike Falcon, Proofpoint, Entra ID, Qualys
- **Infrastructure:** Linux, Windows, Docker, OCI, Cloudflare, DNS, networking
- **Development:** Git, Bash, SQL, PHP

## EDUCATION

### California State Polytechnic University, Humboldt, Arcata, CA – Bachelor of Science in Computer Science

EXPECTED DECEMBER 2026

GPA: 3.88

First Place – 2025 Cal Poly Humboldt Hackathon for Social Good