

lucashmiller.com

Lucas H. Miller
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EDUCATION

California Polytechnic State University, San Luis Obispo
Senior, Bachelor of Science in Business Administration

Sept 2015 - June 2019
Information Systems Concentration

EXPERIENCE

California Polytechnic State University, San Luis Obispo, CA
Student Analyst | Infrastructure & Platform Services Operations

Feb 2019 - Present

- Configuration of Palo Alto Networks firewalls, Alcatel-Lucent switches, and Aruba wireless access points
- Updated network diagrams to document changes made over last five years during Common Network Initiative network refresh project

The Load Balancer Crew, San Luis Obispo, CA
Network Engineering Intern

Oct 2018 - Dec 2018

- Built corporate network from ground up (Palo Alto Networks firewall, Cisco managed switch, ESXi/Hyper-V Virtualization for production and lab environments)

Blizzard Entertainment, Irvine, CA
Systems Administrator Intern | Global Network Operations Center

June 2018 - Sept 2018

- Built front end for tool that combines 20+ tools used by Blizzard's GNOC into one "single pane of glass"

MINDBODY, San Luis Obispo, CA
IT Security Engineering Intern

April 2016 - June 2018

- Support of security posture improvement in corporate, production, and disaster recovery environments
- Operational management of network security devices including Palo Alto Networks next-generation firewalls
- Documentation for management and non-technical audiences detailing security findings and events
- Implementation and improvement of software tools to gather system configuration information and proactive identification of vulnerabilities
- Design, configuration, and maintenance of various security monitoring and management tools

Cal Poly University Housing, San Luis Obispo, CA
Resnet Technician

Sept 2015 - March 2018

- End-user support for 7,500 users and 11,000 clients on University Housing network
- Monitoring of network infrastructure consisting of 3,000 access points and over 50 layer 3 switches

TECHNICAL SKILLS

Certifications: CompTIA Network+

Languages: HTML, CSS, Javascript, Powershell, Python, Java

Operating Systems: Administration of Windows desktop/server, Apple OS X/iOS, Linux/Unix

Hardware: Servers, routers, switches, wireless access points, next-generation firewalls

Software: PRTG Network Monitor, EventSentry, VMware ESX/vSphere, Splunk, DNS, DHCP, TCP/IP, SQL

Web Platforms: Amazon AWS, Weebly, Drupal, Wordpress, CloudFlare, Github

VOLUNTEER EXPERIENCE

HANDS in Nepal, Santa Margarita, CA

2011 - Present

- Volunteered technical skills for 501(c)(3) organization that builds schools in Nepal

Live Oak Music Festival, Santa Ynez Mountains, CA

2011 - Present

- Volunteer on electrical, production, and security crews

Boy Scouts of America, Atascadero, CA

2008 - 2015

- Life Scout rank, Senior Patrol Leader