Lucas H. Miller

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EDUCATION

California Polytechnic State University, San Luis Obispo   **Sept 2015 - June 2019**
Senior, Bachelor of Science in Business Administration   *Information Systems Concentration*

EXPERIENCE

California Polytechnic State University, San Luis Obispo, CA   **Feb 2019 - Present**
Student Technician | Infrastructure & Platform Services Operations
- 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   **Oct 2018 - Dec 2018**
Network Engineering Intern
- 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   **June 2018 - Sept 2018**
Systems Administrator Intern | Global Network Operations Center
- 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   **April 2016 - June 2018**
IT Security Engineering Intern
- 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   **Sept 2015 - March 2018**
Resnet Technician
- 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

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