Kangyeon Lee

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SUMMARY

Undergraduate student at Purdue University and an experienced network engineering aide and with a strong interest in network administration, system administration, security, cloud services, automation, and DevOps.

PROFESSIONAL EXPERIENCE

Infrastructure & Network Engineering Aide – *West Lafayette, IN*   10/2021 – Present
Responsible for coordinating and maintaining all telecommunication infrastructures for construction and renovation projects on the Purdue University West Lafayette main campus
- Configured and installed various network devices and services (Cisco Catalyst/9200/9300 Switches, APC UPS, Cisco Access Points)
- Documented network infrastructure design and enforced configuration/wiring/system standards
- Provided L1/L2 support and network troubleshooting to customers across the campus
- Worked on telecommunication projects with full-time network engineers such as fiber installations and construction projects to design and engineer the backbone of Purdue campus telecommunication infrastructure.

Freelance Computer Science Instructor - *Irvine, CA*   04/2020 – 06/2021
Responsible for preparing students with AP Computer Science Principles, AP Computer Science A, USA Computing Olympiad
- Tutored all levels of programming classes, including fundamental concepts of computer language, Python, C Programming, and Java
- Effectively managed different students' schedules and academic progresses by helping them to receive A or higher grade on Computer Science courses

EDUCATION

Purdue University – *West Lafayette, IN*   08/2019 - Present
- Major – Bachelor of Science in Cybersecurity and Network Engineering Technology
- GPA – 3.88
- Graduation - May 2023 (Expected)
- Honors – Dean's List & Semester Honors (All Semesters)

CERTIFICATIONS

Cisco Certified Networking Associate (CCNA)   Valid Until 06/2025
CompTIA Security+   Valid Until 07/2025
AWS Certified Cloud Practitioner   Valid Until 07/2025

SKILLS

Programming: Java, C Programming, Python, Shell Scripting
System Administration: UNIX, Firewall, VMware, SAN/NAS solutions, Load Balancing, Windows Active Directory, Database Fundamentals, VPN (IPsec, L2TP, SSL), Certificates, Documentation
Network Administration: Routing & Switching, OSI model, TCP/IP, DNS, LAN, WAN, STP, VLAN, Routing Protocols (RIP, EIGRP, OSPF, BGP), NAT, Cisco IOS, Fiber technology, Wireless System Design
Cybersecurity: Cryptology, Vulnerability Analysis (Nmap, CVE, Metasploit, etc.), IDS/IPS, SIEM, Authentication & Access Management (MFA, password policies, least privilege, etc.), Incident Response Planning (Risk Register, Playbook, Acceptable Use Policy, Baselining, Secure Provisioning)
Languages: Korean (Fluent), English (Fluent), Chinese (Proficient)