Chloe Ng

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Education

Purdue University – West Lafayette, IN   Expected Graduation: May 2027
B.S. in Cybersecurity, B.S. in Network Engineering Technology   Cumulative GPA: 3.86/4.0

Work Experience

Ingredion, *Security & Risk Analyst Intern*   **May 2025 – Aug 2025**
- Executed phishing simulations via KnowBe4, analyzed user behavior trends to inform awareness strategies.
- Updated security policies and incident response plans to align with NIST and ISO compliance frameworks
- Audited Rapid7, Carbon Black, and Wiz services through an internal risk assessment, increasing security prosperity by 15% organizational wide
- Optimized bureaucratic processes involving data transfer of an exited employee into a single ServiceNow workflow, saving 4+ weeks of downtime

Purdue University, *Teaching Assistant, CNIT 270*   **Jan 2025 – Present**
- Taught core cybersecurity concepts including Linux fundamentals, networking basics, and web security topics such as SQL injection, while grading labs and supporting students through office hours and guided lab instruction.

Kode with Klossy, *Instructor Assistant*   **May 2024 – Aug 2024**
- Taught HTML, CSS, and JavaScript to over 100 young women and gender-expansive youth, providing technical support and fostering an empowering learning environment in two-week coding camps.

Research and Leadership

Dormakaba – Project: SKUniverse – *Student Data Analyst*   **Jan 2025 – May 2025**
- Analyzed sales data, customer feedback, and market trends using Python to identify high and low-performing SKUs.
- Cleaned, aggregated, and visualized datasets to deliver actionable recommendations supporting inventory decisions.

Ethical Hackers of Purdue – *Officer*   **Apr 2024 – Present**
- Conducted and taught cybersecurity lessons to club members, focusing on practical skills and hands-on challenges to enhance understanding of ethical hacking concepts.
- Used Kali Linux, Burp Suite, FFUF, Metasploit, NMAP, Metasploit, Wireshark, and Splunk; focused in website and network security

Women in Cybersecurity – *Board Chair*   **Aug 2024 – Present**
- Led and marketed large-scale cybersecurity events and industry panels for the Purdue community, engaging 500+ students across multiple colleges through technical workshops and professional development programming.

InnovateHer – *Design Team Executive*   **Oct 2023 - May 2024**
- Led branding and promotional strategy for Purdue's first women-centric hackathon, raising $30K+ in sponsorships and growing social media reach to 300+ followers in one month.

Projects

Enterprise Network Infrastructure   **Aug 2025 - Dec 2025**
- Deployed a multi-vendor IPv4/IPv6 enterprise network (Cisco routers/switches, HP/Aruba switches, Juniper SRX-345) across 8+ VLANs, implementing routing, redundancy, and security controls (OSPF, EIGRP, MSTP, VRRP, ACLs).
- Centralized DHCP/DHCPv6, NTP, SNMP, and TFTP services to improve network reliability, visibility, and management efficiency.

Awards

National Cyber League – *Spring 2025*   **Participated Apr 2020 – Oct 2025**
- Earned Gold Tier (Top 15%) individually and placed 18th out of 4,779 teams by solving challenges in OSINT, cryptography, digital forensics, and log analysis.

CyberSEED 2025   **Mar 2025**
- Placed 11th out of 205 teams, focused on password cracking, OSINT, cryptography, and incident response

Accenture Rivalry Case Competition – *Finalist*   **Feb 2024**
- Developed an AI-driven solution to address campus challenges as one of two teams representing Purdue University.