HELIENE ELLA LEE JIMENEZ MACARAEG

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Summary

Cybersecurity student with Security+ and ISC2 Certified in Cybersecurity (CC) certifications, and hands-on experience in intrusion detection system (IDS) development, vulnerability assessments, and IT support. Eager to apply technical expertise and analytical thinking in a cybersecurity engineering role focused on securing networks, systems, and applications.

Experience

Cybersecurity Intern (40 hrs/week) — Oak Ridge, Tennessee
Oak Ridge National Laboratory — 01/2025 - Present
- Developed an Intrusion Detection System (IDS) for a semi-truck's CAN bus to detect and mitigate cybersecurity threats.
- Presented findings to research teams and collaborated on system improvements.

Teacher Assistant (10 hrs/week) — Norfolk, VA
Old Dominion University/CoVA CCI Cyber Internship Clinic — 08/2024 - 12/2024
- Assisted students in conducting cybersecurity assessments for small businesses.
- Guided teams in risk analysis, report writing, and security recommendations.

ITS Help Desk Technician (20 hrs/week) — Norfolk, VA
Old Dominion University — 07/2024 - 12/2024
- Provided technical support to faculty and students via phone, email, and in-person.
- Troubleshoot, resolved technical issues, and provided guidance to users on various software and hardware-related concerns.

Systems Engineer Intern (30 hrs/week) — Virginia Beach, VA
G2 Ops — 05/2024 - 08/2024
- Developed a Cameo Systems Modeler-based plugin integrating a custom GPT model and a dashboard for G2 Ops' software repository.
- Collaborated with engineers to refine integration and optimize plugin performance.

Risk Management Intern (10 hrs/week) — Norfolk, VA
Old Dominion University/CoVA CCI Cyber Internship Clinic — 01/2024 - 04/2024
- Conducted cybersecurity assessments for client organizations by identifying vulnerabilities and proposing mitigation strategies.
- Engaged directly with small businesses, and applied design thinking and empathy to understand their cybersecurity challenges.

Consultant Intern (4 hrs/week) — Remote
CoVA CCI Innovate Cyber Challenge Internship — 01/2024 - 04/2024
- Collaborated within a group environment and used empathetic understanding to grasp stakeholders' concerns to ideate, prototype, and implement practical solutions for cybersecurity challenges (Winner of challenge).

Student Mentor (1 hr/week) — Remote
CivilianCyber — 10/2023 - 04/2024
- Facilitated a 6-week program to provide guidance and engage in discussions about Cybersecurity topics with high school students aspiring to enter the field.

Education

Old Dominion University
Bachelor of Science in Cybersecurity, Risk Management and Insurance: 3.99 GPA, Dean's List — 08/2021 - 05/2025

Old Dominion University
Master of Science in Cybersecurity — 01/2025 - 05/2026

Certifications

Google Cybersecurity Specialization — Google 6/12/2024

Security+ SY0-701 — CompTIA 2/28/2024

Certified in Cybersecurity (CC) — ISC2 6/16/2024

Skills

Soft skills: · Leadership · Teamwork · Adaptability · Problem-Solving · Attention to Detail · Continuous Learning

Technical Skills: · Risk Analysis · Firewall Configuration · Penetration Testing and Vulnerability Management · Cybersecurity Frameworks and Standards · Network Monitoring · Scripting and Automation · Virtualization

Programming Languages: · C++ · Python · Java