

Christine Hwang

703-814-0998 | chrisjhwang28@outlook.com | [linkedin.com/in/christine-hwang-834550258/](https://www.linkedin.com/in/christine-hwang-834550258/) | christine-hwang.com

EDUCATION

College of William and Mary

Bachelor of Science in Computer Science

- Viceroy Scholar

Williamsburg, VA

Aug. 2024 – May 2027

EXPERIENCE

High Performance Computing Intern

National Security Agency, Laboratory for Physical Sciences

June 2026 – August 2026

Catonsville, MD

- Researched high-performance data transfer methods for large-scale computing environments
- Improved transfer performance through benchmarking, protocol testing, and system optimization

Student Government Senator

College of William and Mary Student Assembly

January 2026 – May 2026

Williamsburg, VA

- Collaborated with academic stakeholders to develop AI-related student government legislation
- Served on the finance committee, helping allocate \$800,000 in funding to student organizations across campus

Marketing Intern

Go Ape Inc.

June 2025 – August 2025

Springfield, VA

- Designed an interactive field-marketing activation deployed across 16 locations nationwide
- Managed outreach and relationships with military- and government-affiliated corporate accounts

PROJECTS

HPC File Transfer | *C, Slurm, ReFrame, GitLab, Claude, Antigravity, Codex*

June 2026 – August 2026

- Built and optimized a C-based file transfer application for HPC networking environments
- Evaluated TCP, UDP, RDMA, Ethernet, and InfiniBand behavior through controlled Slurm/ReFrame benchmarks
- Used AI coding tools to accelerate development, debugging, and documentation in a GitLab workflow

Android Mobile Application Security Assessment | *Python, Androguard, Static Analysis*

- Evaluated 199 Android APKs for TLS misuse, risky permissions, over-privilege, and exported-component exposure
- Mapped findings to CWE-295, CWE-250, CWE-926, and OWASP MASVS; built a static-analysis, LLM-triage, and manual-verification pipeline
- Found 34% of apps vulnerable to SSL/TLS misuse, 95% exposed through risky permissions, and 66% with unguarded exported components

Cyberbridge VR | *Lo-Fi Prototyping, Pitching, User Experience*

- Designed and pitched a lo-fi VR cybersecurity education prototype for the Commonwealth Cyber Initiative
- Won a \$500 grant to support continued prototype development

TECHNICAL SKILLS

Languages: Java, Python, C/C++

Developer Tools: Git, Slurm, VS Code, Eclipse

Cybersecurity Skills: OSINT, Cryptography, Documentation, Forensics, Active and Passive Reconnaissance

HONORS & CERTIFICATIONS

Certifications: CompTIA Security+

Honors: 3rd Place Viceroy CTF, Cisco Systems Award, Dean's List

Other Interests: Cello and Orchestra, Club Volleyball, Alpha Phi Omega, Reformed University Fellowship, Hiking and Backpacking