

Huy Gia Han Vu

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EDUCATION

Northeastern University B.S. in Computer Science and Criminal Justice GPA 3.8/4.0 Graduated with Magna Cum Laude	Boston, MA December 2025
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WORK EXPERIENCE

Northeastern University <i>Computer System Teaching Assistant</i>	Boston, MA September 2025 – December 2025
<ul style="list-style-type: none">○ Supported 300+ students with x86-64 assembly, C, memory layout, calling conventions, and Linux tooling; helped debug complex runtime issues in secure, multi-threaded environments○ Led weekly office hours and live debug sessions, resolved 5 issues/week on average by reproducing failures and guiding students through root-cause analysis; improved fix-guides and troubleshooting documentation that reduced repeat questions by ~10%○ Graded programming assignments and exams across 3 sections, applying rubric to maintain consistent standards and timely feedback	
<i>Khoury Student Research Assistant</i>	June 2025 – December 2025
<ul style="list-style-type: none">○ Built a rule-based labeling system for security-relevant messages to categorize threat claims, social-engineering calls-to-action, and misinformation risk signals○ Evaluated LLM vs. human detection performance using F1 and Cohen's κ; wrote Python scripts to parse logs, validate schemas, and catch data integrity issues early○ Supported development of a scalable data ingestion + classification pipeline for cybersecurity/AI research datasets	
<i>Foundation of Cybersecurity Teaching Assistant</i>	January 2025 – April 2025
<ul style="list-style-type: none">○ Supported 200+ students through office hours and Q&A on core cybersecurity concepts (Linux commands, incident reasoning, and hands-on challenge solving)○ Coached students through MetaCTF-style problems and course topics including cryptography basics, password cracking fundamentals, and social engineering patterns○ Graded and delivered technical feedback on incident reports and system-hardening assignments, reinforcing clear threat reasoning and mitigation quality	
Independent <i>Coding Tutor</i>	Ho Chi Minh City, Vietnam May 2025 – August 2025
<ul style="list-style-type: none">○ Taught Python/Java fundamentals with an emphasis on secure coding practices, safe data handling, and debugging habits○ Designed interactive, security-themed exercises (authentication concepts, input validation, basic threat modeling) to strengthen problem-solving and defensive thinking	
WilmerHale - Wilmer Cutler Pickering Hale and Dorr LLP	Boston, MA
<i>Discovery Solutions Co-Op WHDS Tech Team</i>	July 2024 – December 2024
<ul style="list-style-type: none">○ Troubleshoot complex eDiscovery data ingestion workstreams, included loading/processing large data files to support litigation and investigation cases under tight deadlines○ Resolved 300+ DISCO/IT tickets (~18% of team volume over 6 months) by diagnosing ingestion/processing issues, handling media-processing tasks, and documenting fixes for faster turnaround○ Supported eDiscovery workflows including overlays/promotions, request metadata handling, and review/production processes; contributed to improving SOP documentation to streamline intake and processing	
<i>Discovery Solutions Co-Op WHDS Tech Team</i>	July 2023 – December 2023
<ul style="list-style-type: none">○ Produced recurring media reports for key firm offices (NYC, DC, BOS, LON) to support operational visibility and request tracking○ Verified and created 350+ media matters; maintained accurate records in the billing database and handled incoming media requests efficiently○ Supported archiving of 350+ matters into cold storage to enable long-term retention and future retrieval	

PROJECTS

Phishing Email Simulation <i>Python, Flask, HTML, Git, Render</i>	
<ul style="list-style-type: none">○ Built a web-based phishing simulation tool to support security awareness training and social-engineering education○ Implemented simulation generation + tracking with reusable templates and structured logging to measure activity and outcomes	
FUSE-Based Filesystem <i>C, FUSE, Filesystem Design, Docker, VSCode</i>	
<ul style="list-style-type: none">○ Implemented a custom FUSE filesystem in C supporting create/read/write/ rename/delete and nested directory operations○ Improved block management for performance and correctness, supporting files up to ~500KB	

SKILLS

Programming Languages: Java, Python, C/C++, Assembly x86, SQL
Systems/Security: Linux, GDB, Docker, Splunk (SIEM), Git/GitHub, LaTeX
eDiscovery/Legal Tech: DISCO, Nuix Workstation, iManage, iRM, Beyond Compare
Data/Tools: PostgreSQL, Power BI, VS Code, Flask, Render, JUnit, Copilot Studio
Certifications: DISCO Data Management, DISCO Search and Review