

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

WORK EXPERIENCE

Northeastern University

Boston, MA

Computer System Teaching Assistant

September 2025 – December 2025

- 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

Khoury Student Research Assistant

June 2025 – December 2025

- 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

Foundation of Cybersecurity Teaching Assistant

January 2025 – April 2025

- 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

Ho Chi Minh City, Vietnam

Coding Tutor

May 2025 – August 2025

- 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

Discovery Solutions Co-Op | WHDS Tech Team

July 2024 – December 2024

- 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 ($\approx 18\%$ 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

Discovery Solutions Co-Op | WHDS Tech Team

July 2023 – December 2023

- 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 | Python, Flask, HTML, Git, Render

- 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 | C, FUSE, Filesystem Design, Docker, VSCode

- 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