

Leo Vu

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EDUCATION

University of Toronto

September 2025 – December 2026

Master of Science in Applied Computing (MScAC)

Toronto, ON

- Concentration: Computer Science
- Classes: Ethics of Artificial Intelligence, Computer Networks, Networks for Machine Learning, Computer Security
- University of Toronto Capture-the-Flag (CTF) Team, Organizer, & Sponsorship Outreach
- Teaching Assistant for CSC369 Operating Systems

New York University

January 2024 – May 2025

Bachelor of Arts in Computer Science

New York, NY

- **GPA: 3.94**
- Relevant Coursework: Computer Systems Organization, Operating Systems, Algorithms, Computer Security, Artificial Intelligence, Parallel Programming
- NYUSEC CTF Team & Organizer @ NYU's OSIRIS Lab
- NYU Chess Team A Captain & Tournament Organizer

TECHNICAL SKILLS & CERTIFICATIONS

Languages: Python, C/C++, JavaScript, x86 Assembly, HTML/CSS, SQL

Developer Tools: Git, VS Code, Linux, Docker, Jupyter Notebook, Airflow, Burp, Wireshark, Valgrind, Volatility

Certifications: CompTIA Security+ CE (2024), Salesforce Certified AI Associate (2024)

WORK EXPERIENCE

Model Validation Expert & AI Red Teamer

October 2025 – Present

Handshake

Remote

- Performed model validation at a frontier AI lab auditing AI-generated code and apps to provide technical feedback
- Currently conducting AI red teaming at another frontier AI lab, producing dangerous responses in the field of cybersecurity to assess the safety of large language models

Software Engineering Intern

May 2025 – August 2025

Parsons Corporation

Centreville, VA

- Worked on sensitive, air gapped codebase developing a code testing, analysis, and profiling pipeline
- Pipeline set to save hundreds of hours each year for the QA testing team by turning manual tests automatic
- Automatic profiling of production code using various tools such as callgrind, heapcheck, prof, and memcheck leading to speedups, optimizations, and quick bug discovery, saving dozens of hours of both client and developer time

Lab Member & CTF Organizer

March 2024 – May 2025

NYU OSIRIS Cybersecurity Lab

New York, NY

- Competed in international CTF competitions, scoring the second-most points and leading the lab to become a top-25 team in the US in 2024, and to multiple top-10 finishes to become a current top-10 team in 2025
- Wrote OSINT and Forensics challenges for the CSAW (Cybersecurity Awareness Week) 2024 Qualifiers and Finals at NYU Tandon, the largest student-run cybersecurity event in the world with thousands of participants
- Organized and managed CSAW 2024 Finals, liaising with and challenging the best CTF teams around the world

Data Engineer Intern

May 2024 – September 2024

AgilityIO

New York, NY

- Worked on data engineering projects using technologies like Apache Airflow, SQLite, and Beautiful Soup to create data pipelines, automating the extraction, loading, transformation, and analysis of open-source data
- Used GitHub best practices and proper documentation writing in sharing, deploying, and testing projects

ACHIEVEMENTS & HONORS

Prizes: Department of Defense Cyber Sentinel CTF 7th out of 5500 (solo), 2nd @ TJCTF, 1st @ CyberON BOTS Splunk CTF, 1st @ DeadSec CTF, 1st @ CubeCTF, 1st @ scriptCTF, 1st @ CyberSci Regional Finals Ontario

Scholarships: National Merit Finalist, Parsons Corporation, Rotary Club, Waltmar Foundation Scholarships

Honor Societies: Sigma Xi, Phi Beta Kappa