Thaison Le

(408) 668-5629 | tnl2012@nyu.edu | linkedin.com/in/thaison-le | github.com/Thaileaf | Brooklyn, NY

Education

New York University Tandon School of Engineering (New York)   August 2020 - May 2024
B.S in Computer Science

Professional Experience

NYU K12 STEM Center   **Brooklyn, NY**
Software Engineer   October 2024 – May 2025

- Led the design and development of the center's official website from concept to deployment, utilizing React + Next JS for a dynamic and responsive user interface.
- Managed the complete hosting lifecycle on Vercel, including initial setup, continuous integration/continuous deployment (CI/CD) pipelines, and ongoing maintenance.
- Proactively troubleshooted and resolved DNS configuration issues from university networks to ensure seamless website accessibility and performance.

Cloud and Cyber Security Course Instructor   May 2024 – August 2024

- Managed large classroom of high school students while teaching fundamental cybersecurity concepts including systems and network security, cryptography, and cloud data protection
- Developed hands-on lab materials covering secure coding practices, basic penetration testing, and digital forensics using widely used tools with examples
- Developed four long-term AWS projects for future courses that utilizes most core AWS services, emphasizing vulnerability mitagation and data security.

Flexible AI-Mechatronics Research Lab   **Brooklyn, NY**
Undergrad Machine Learning Lead   January 2023 - May 2024

- Helped develop organizational infrastructure of robotics and deep learning team from ground up
- Leveraged NYU's High-Performance Computing supercomputer for model training using singularity containerization

New York University   **Brooklyn, NY**
OOP C++ Course Assistant   January 2022 – May 2024

- Facilitated weekly recitations to students, promoting discussions and reinforcing complex lecture material related to OOP concepts.

Projects

Homelab Server Cluster   December 2023 – Present

- Created a home cluster with 3 computers using Proxmox in order to create highly available self hosted services for personal use, such as Github CI/CD, Linux virtual machines, web hosting, and web ZFS data storage.
- Systems administration with Ansible for automated deployment and network administration with open source PFSense firewalls.
- Secured with reverse proxies and Tailscale VPN.

Certifications

Amazon Web Services (AWS)

AWS Certified Cloud Practitioner   March 2025

Skills

Python | Linux | AWS | Cloud | Ansible | Git | VMs | Bash | Docker | Networking | Data Analysis | Databases | SQL(MYSQL) | Computer Vision | C++ | React | DNS | Containers

Soft skills: Communication | Leadership | Problem Solving | Adaptability

Courses

Operating Systems | Networking | Machine Learning | ML Systems | Linear Algebra | Data Structures | Algorithms | Databases | Mining Massive Datasets | Discrete Math | Object Oriented Programming