

# Jason Nguyen

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<https://github.com/JasonVN135>

## EDUCATION

**North Carolina State University, Raleigh, NC** May 2025  
Bachelor of Science in Computer Science

## SKILLS

**Languages:** Python, Java, C, HTML/CSS, JavaScript, Bash  
**Frameworks/Libraries:** Ansible Playbooks, Flask, AngularJS, Streamlit  
**Tools/Platforms:** Proxmox VE, Git, GitHub, SQLite3, REST APIs, Vim, VS Code  
**Systems/Environments:** Linux (Debian Based), Command-Line Tools  
**Professional Skills:** Project Management, Communication, Time Management, Software Testing, Agile Development

## EXPERIENCE

**Software Development Intern** | Viavi Solutions Inc | Morrisville, NC May 2025 - Present

- Designed and implemented an internal tool to automate virtual machine deployment on Proxmox using Ansible Playbooks, improving provisioning efficiency.
- Developed a user-friendly web interface with Flask, HTML, and CSS to enable batch VM creation with customizable configurations.
- Implemented a command-line interface with Python's Click module to streamline and automate virtual machine deployments.
- Collaborated with senior engineers to gather requirements and plan automation features.

## RELATED PROJECTS

**To-Do List App** | Frontend Project March 2025

- Built a to-do list app using HTML, CSS, and JavaScript, allowing users to add, complete, and delete tasks.
- <https://github.com/JasonVN135/to-do-list>

**Weather App** | Frontend Project March 2025

- Developed a simple weather app using HTML, CSS, and JavaScript to display real-time weather details.
- Integrated a Weather API to fetch real-time data and dynamically update the UI.
- Deployed the application on Netlify, ensuring seamless access and performance.
- <https://jasonvn135-weather-app.netlify.app/>

**Automated LLM** | Artificial Intelligence Project December 2024

- Designed and implemented a feedback algorithm for labeling text entries using large language models.
- Performed document parsing and automated labeling, guided by a dynamically enhanced codebook utilizing OpenAI's GPT model.
- Incorporated a Streamlit GUI, creating an interactive interface for users to facilitate AI training progression.