

# Son Nguyen

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A results-driven software engineer seeking internships to enhance programming skills in creating innovative solutions. Experienced in contributing to large-scale projects, with a focus on efficiency and user experience. Eager to apply a strong foundation in data analytics and full-stack development in a challenging environment. Committed to continuous learning and adapting to new technologies.

## EXPERIENCE

### FPT Corporation

June 2024 - August 2024

#### Software Engineering Intern

- Contributed to the development of FPT ICDP, FPT Telecom's internal communication platform, using Express, Node.js, MongoDB, RabbitMQ, Kafka, Redis, React, and JavaScript, enhancing collaboration and communication between FPT teams. Participated in AI initiatives, utilizing technologies like TensorFlow, PyTorch, and Optuna for AI model fine-tuning and optimization.

### Huong Hua Co., Ltd.

December 2023 - February 2024

#### Contract Full-Stack Software Engineer

- Developed the company's web application and job application database using PHP, React, Django, MongoDB, and MySQL. Deployed using Docker & AWS Lambda, enhancing operational efficiency by 40%, handling over 50,000 users, and managing approx. 200 job applications monthly.

### VNG Corporation

June 2023 - August 2023

#### Software Engineering Intern

- Contributed to the design and development of vCloudcam's security camera management website using Angular, React, and Beego, boosting site performance by 30%, and supporting user traffic of over 50,000 monthly visits. Enhanced the video fetching system using Web Assembly, improving live security camera stream efficiency by 20%.

## EDUCATION

### University of North Carolina at Chapel Hill

August 2022 - December 2026

Bachelor of Science in Computer Science & Bachelor of Arts in Economics & Data Science Minor

Cumulative GPA: 3.9 / 4.0

## NOTABLE PROJECTS

- MovieVerse** ([movie-verse.com](https://movie-verse.com)):
  - An extensive web-based movie database featuring detailed information on 900,000+ movies & TV shows and over 1 million actors & directors.
  - Currently attracting over 320,000 monthly visitors, with more than 55,000 active users and 145,000 movie ratings to date.
- WeatherMate** ([hoangsonww.github.io/WeatherMate-App](https://hoangsonww.github.io/WeatherMate-App)):
  - A user-friendly weather tracking app that offers real-time weather and detailed forecast data for more than 200,000 locations worldwide. Currently attracting over 1,000 monthly visitors.
- AI Multitask Classifiers** ([hoangsonww.github.io/AI-ML-Classifiers/](https://hoangsonww.github.io/AI-ML-Classifiers/)):
  - Python-based AI classifiers for Object, Face, Mood, Vehicle, Flower, and Speech Recognition, utilizing OpenCV, Keras, Pandas, TensorFlow, YOLOv3, and PyTorch.
  - Includes a self-trained custom sentiment analysis tool with an average accuracy of over 90%.

## SKILLS

- Languages:** Java, Python, JavaScript, Swift, C, Go, PHP.
- Databases:** MySQL, MongoDB, Redis, PostgreSQL, Red5.
- Data Analytics:** PowerBI, Tableau, Stata, R.
- Web Development:** React, Vue, Angular, WASM, jQuery, Webpack, Django, Express, REST APIs.
- AI/ML:** TensorFlow, PyTorch, Keras, NLP, Pandas, OCR, scikit-learn.
- Other:** SEO, Docker, Git, RabbitMQ.