

# 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.

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## 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.js, Node.js, MongoDB, ELK, RabbitMQ, Kafka, Redis, and React, enhancing collaboration and communication between FPT teams by 25%. Participated in AI initiatives using TensorFlow and Optuna for a 15% improvement in ICDP's AI model fine-tuning and optimization.

### Huong Hua Co., Ltd.

December 2023 - February 2024

#### Contract Full-Stack Software Engineer

- Developed the company's web app and job application database using React, Django, PHP Laravel, MongoDB, and MySQL. Deployed using Docker, AWS EC2 & S3, 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 AngularJS, React, Java, Spring, Hibernate ORM, Golang, and Beego Framework, 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%.

### Case Western Reserve University

December 2022 - May 2023

#### Data Analytics Research Assistant

- Collaborated with researchers on 2 research projects. Handled data analytics using Tableau, SAS, Plotly, and ggplot2, improving data processing efficiency by 30% and research quality by 40%.
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## EDUCATION

### University of North Carolina at Chapel Hill

December 2025 (Expected)

Bachelor of Science in **Computer Science** & Bachelor of Arts in **Economics & Data Science** Minor  
Cumulative GPA: **3.9 / 4.0**

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## 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 420,000 monthly visitors, with more than 55,000 active users and 145,000 movie ratings to date.
  - Moodify - AI-Powered Music App** ([GitHub Repository](#)):
    - A full-stack AI-driven music app using React, Django, and AI/ML, featuring 30+ API endpoints and 15+ core functionalities including emotion detection & personalized recommendations. Integrated advanced data analytics and cross-platform support for a seamless user experience.
  - AI Multitask Classifiers** ([GitHub Repository](#)):
    - Python-based AI classifiers for Object, Face, Mood, Vehicle, Flower, and Speech Recognition using OpenCV, Keras, Pandas, TensorFlow, YOLOv3, and PyTorch. Include a self-trained NLP custom sentiment analysis tool with an average accuracy of over 90%.
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## SKILLS

- Languages:** Java, Python, JavaScript, TypeScript, C, Go, PHP.
- Databases:** MySQL, PostgreSQL, Redis, MongoDB, Red5.
- Data Analytics:** PowerBI, Tableau, Spark, Hadoop, SAS, R.
- Web Development:** React, Vue, Angular, Webpack, WASM, Flask, Spring, Django, Express, OAuth, JWT, REST APIs.
- AI/ML:** TensorFlow, PyTorch, Keras, NLP, Pandas, OCR, scikit-learn.
- CI/CD:** Docker, Git, Heroku, Vercel.
- Mobile Development:** React Native, Kotlin, Swift, Flutter, Objective-C.