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, and React, enhancing collaboration and communication between FPT teams by 25%. Participated in AI initiatives, utilizing TensorFlow, PyTorch, 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 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 2025

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)**:**
  - 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):
  - 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/):
  - 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.