

# Son Nguyen

+1 (413) 437-6759 · [hoangson091104@gmail.com](mailto:hoangson091104@gmail.com) · [sonnguyenhoang.com](http://sonnguyenhoang.com)  
[linkedin.com/in/hoangsonww](https://linkedin.com/in/hoangsonww) · [github.com/hoangsonww](https://github.com/hoangsonww) · Chapel Hill, NC 27514

---

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 AI and full-stack development in a challenging environment. Committed to continuous learning and adapting to new technologies.

---

## WORK EXPERIENCE

### FPT Corporation | Software Engineering Intern | 06/2024 - 08/2024

- Developed and optimized FPT ICDP internal communication platform using Express.js, Node.js, MongoDB, PostgreSQL, RabbitMQ, Kafka, Redis, and React, leading to a 25% increase in collaboration across 15 internal teams, reducing communication delays by 30%.
- Leveraged TensorFlow and Optuna, achieving a 15% improvement in AI model fine-tuning and optimization for the ICDP platform.

### Huong Hua Co., Ltd. | Full-Stack Software Engineer | 12/2023 - 02/2024

- Utilized React, Django, PHP, MongoDB, and MySQL to create the company's English-version web app and job application database that handles over 50,000 active users, increasing operational efficiency by 40%.
- Deployed using Docker, AWS EC2, RDS, DocumentDB, S3, Gateway, and Route 53. Streamlined deployment processes and reduced infrastructure costs by 20% while managing approx. 200 job applications monthly.

### VNG Corporation | Software Engineering Intern | 06/2023 - 08/2023

- Developed vCloudcam's security camera management website using AngularJS, React, Beego, Go, Java, Oracle Database, Red5, and Nginx, improving performance by 30% and supporting 50,000+ monthly visits.
  - Enhanced video fetching & streaming system with Web Assembly, boosting live camera stream efficiency by 20% and reducing buffering by 15% for 5,000+ concurrent streams.
- 

## EDUCATION

### Bachelor of Science in Computer Science & Bachelor of Arts in Economics, Expected December 2025

University of North Carolina at Chapel Hill, Chapel Hill, NC

- Cumulative GPA: **3.9 / 4.0**. On the Dean's List for 4 consecutive semesters.
  - Relevant coursework: Data Structures, Algorithms, Machine Learning, Database Systems, Linear Algebra.
- 

## PROJECTS

- The MovieVerse**: A comprehensive movie database featuring detailed information on over 1 million movies, actors, and directors. Currently supports 420,000+ monthly visitors, with 55,000+ active users and 145,000+ movie ratings. Built with a focus on scalability, responsiveness, and user experience.
  - Moodify**: A full-stack AI-driven music application using React, Django, and machine learning, featuring 30+ API endpoints and 15+ core functionalities. Integrated advanced data analytics and mobile app support.
  - DocuThinker**: A full-stack AI application for document analysis, serving 5,000+ active users and processing 3,500+ documents monthly. Achieved 95% accuracy in AI summarization, reducing manual document review time by 40%. Features include AI chat, key insights extraction, document saving, and secure authentication.
- 

## 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 | WebAssembly | Flask | Spring | Django | Express | Node.js | OAuth | JWT | REST APIs.
- AI/ML**: TensorFlow | PyTorch | Keras | NLP | Pandas | OCR | scikit-learn.
- Mobile Development**: React Native | Kotlin | Swift | Flutter | Objective-C.
- CI/CD & Deployment**: Docker | Git | Heroku | Vercel | AWS | GCP | Jenkins | Kubernetes.