

SON NGUYEN HOANG

2210 Granville Towers Ln S., Chapel Hill, NC, USA 27514
sonnguyenhoang.com hoangson091104@gmail.com +1 (413) 437-6759
[linkedin.com/in/hoangsonw/](https://www.linkedin.com/in/hoangsonw/) github.com/hoangsonww

SUMMARY

A results-driven software engineer seeking an internship 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 emerging technologies.

NOTABLE EXPERIENCES

- 12/2023 - 02/2024 **HUONG HUA CO., LTD.**
FREELANCE FULL-STACK SOFTWARE ENGINEER
- Led the full-stack and middleware development of the company's website from scratch, utilizing various technologies including React, SASS, Bootstrap, Vue, Django, Flask, Docker, AWS Lambda, MySQL, and Apache Cassandra. Designed the website's interactive & UX elements using Figma and Adobe Illustrator.
- 06/2023 - 08/2023 **VNG CORPORATION**
SOFTWARE ENGINEERING INTERN
- Created a sophisticated video steaming system using Web Assembly to fetch and render live camera streams for vCloudcam, resulting in a 20% increase in efficiency. Contributed to designing and developing vCloudcam's newest website using Figma, Angular, React, SASS, MongoDB, Webpack, Django, Flask, and PostgreSQL using the Micro-Frontend & Micro-Services architectures.
- 12/2022 - 05/2023 **CASE WESTERN RESERVE UNIVERSITY**
RESEARCH ASSISTANT
- Provided cultural feedback to researchers at the Mandel School of Social Sciences in the Study of Southeast Asian Economics. Ensured data integrity and assisted researchers with data entry and visualizations using Tableau, GraphQL, and PowerBI. Critically reviewed research information and proposals.
- PEER TUTOR**
- For the following courses: Calculus II and Programming in Java. Helped other students learn and strengthen course concepts through weekly recitation sessions and daily office hours. Assisted professors in grading. Communicated with students to create & recommend study plans for their academic success.

EDUCATION

2022-2026 (expected) **THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL (Bachelors)**

NOTABLE PROJECTS

- MovieVerse:** Designed and developed an extensive & responsive web-based movie database with React, Vue, Flask, MongoDB, and MySQL, featuring detailed information on approx. 900,000 movies and houses profiles of over 1 million actors and directors. Integrated Machine Learning to recommend movies based on user preferences. Currently has a database of 1,200 active users with more than 50,000 watchlists created and 100,000 movie ratings by users to date. Also available as a mobile application & PWA.
- StickyNotes:** Developed a feature-rich event reminder and notes app, available both as a web-based platform and a mobile app, using Django, MySQL, MongoDB, React, and Cordova, which facilitates user-generated reminders and notes, boasting over 5,000 active users per month and a record of 50,000 notes created and stored to date.
- RecipeGenie:** Developed a robust web-based cooking recipe database using React, Vue, MySQL, Django, Flask, and Cassandra, which currently houses over 500,000 recipes, detailed information about 650,000 ingredients, and attracts over 2,000 monthly visitors.
- WeatherMate:** Created a user-friendly and web-based weather-tracking app using Django, React, jQuery, and MongoDB that offers real-time weather, wind, AQI, humidity, and forecast data for more than 200,000 locations worldwide. Currently attracts more than 1,000 monthly visitors.

SKILLS

- Programming:** Java, Python, JavaScript, Swift, C, and Go. Experienced with OOP. Experienced with Git.
- Web Development:** React, Node.js, Vue, Angular, WASM, jQuery, Webpack, Django, SEO, and RESTful APIs.
- Databases:** MySQL, MongoDB, Cassandra, PostgreSQL.
- Containerization:** Docker and Kubernetes.
- Data Analytics:** PowerBI, Tableau, Stata, GraphQL.
- Design:** Adobe Illustration, Blender, and Figma.