My Duyen Nguyen

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Experience

Publicis Sapient | Full-Stack Software Engineer Intern
June 2023 - August 2023 | Atlanta, GA
- Broke down feature requirements into tasks to build web app using **ReactJS** and **Java Spring boot** backend in a team of 5
- Designed prompts for **Vertex AI** using user search inputs to generate recommendations with *98%* accuracy
- Blueprinted distributed system of microservices requesting **REST API** via **HTTP**, storing *5,300+* entries from **MongoDB**
- Configured with **Docker, Kubernetes**, deploying microservices with **Google Cloud** to scale to *1M+* users

Salesloft | Software Engineering Intern
May 2022 - August 2022 | Atlanta, GA
- Architected customer-facing email templates in **Slim/HTML, CSS** to deliver to *70,000 - 100,000* new customers
- Consulted **UX/UI** designers to translate **Figma** templates into solid, scalable code
- Collaborated with **QA** plans to pass automated testing to ensure compatibility with *10* apps and browsers

Popmenu | Front-End Software Engineering Intern
May 2021 - August 2021 | Atlanta, GA
- Documented *3* custom, reusable technical UI elements in **React.js** with **Storybook** to improve scalability and maintainability
- Generated *21* **Ruby (Rails) Sprig-Reap** seed files, following data pipelines to improve debugging in local environment

Projects

FinSight: Finance Mobile App | Full-Stack Developer
Spring 2025 | Atlanta, GA
- Iterated on prototypes within **5 Agile sprints** to develop end-to-end app in **React Native Expo, Firebase** in team of 4
- Achieved *4.6/5* rating for solution value from *28* test users
- Formulated **NoSQL Firestore** database schema for secure user authentication and data storage
- Established metrics-driven feedback loop with **A/B testing** with *50+* interviews

LLM-Based Geolocation with Big Data | AI Engineer
Fall 2024 | Atlanta, GA
- Refined 2-phase pipeline involving fine-tuning geotagged-images with **LLM** & guided prompt engineering
- Fine-tuned **Qwen2** with **PyTorch, TensorFlow** on relational **Kaggle** datasets, with distributed training using **PACE** cluster
- Improved geolocation accuracy by *48.4%* within 1000KM

Education

GEORGIA INSTITUTE OF TECHNOLOGY
Master of Science in CS
Specialty: Machine Learning
May 2025
GPA: 4.0 / 4.0
Bachelor of Science in CS
May 2024
GPA: 3.8 / 4.0

Skills

LANGUAGES
Python • Java

DATABASE TOOLS
SQL (MySQL, PostgreSQL)
NoSQL (MongoDB, Firebase)

WEB & MOBILE DEV
JavaScript • React.Js • HTML/CSS
React Native • NodeJS • JSON
Typescript

TECHNOLOGIES
GIT • Jira • GCP • AWS
Linux • Windows OS • Kubernetes

METHODOLOGIES
Agile/Scrum/TDD • CI/CD • SDLC

Coursework

UNDERGRADUATE
Object-Oriented Programming (OOP), Objects & Design Patterns, Data Structures & Algorithms Complexity, Computer Organization & Programming, Databases, Computer Networking

GRADUATE
Computer Information Security, Machine Learning, Mobile Systems & Applications, Big Data System & Analytics, CS & Engineering Algorithms