Thi (Tea) Le
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Education

University of North Carolina at Chapel Hill *12/2023*
Bachelor's in Computer Science with Highest Distinction, GPA: 3.9/4.0
Courses: Data Structures & Algorithms, Computer Organization, System Design, Mobile Computing, Functional Programming Languages, Software Engineering Lab, Data Science and Data Engineering with Python/R

Experience

BOSTON CONSULTING GROUP (BCG X)

Software Engineer *04/2024 – Present*
- Optimized Python data pipelines with AWS integration, increasing efficiency by 30% for VDI deployment
- Developed APIs with Node.js for a client application with GenAI component to ensure 100% task completion
- Delivered testing suites with Jest/PyTest to ensure ontology migration and data pipeline runs were successful

Software Engineering Intern *06/2023 – 08/2023*
- Owned the authentication component by implementing RBAC with MS Entra ID and Angular integration, authorizing 200+ client employees to access 6000+ data records by role, and increasing daily task efficiency
- Led the development in Angular of main dashboard components in a routing system built for an F500 client

GODADDY

Software Engineering Intern *05/2022 – 08/2022*
- Reduced profile loading time by 5% by developing customer consent APIs with Node.js connecting with AWS
- Won the 'Best Customer-focused Innovation' prize at the 2022 Intern Hackathon by implementing all front-end components with React, providing business owners from >1000 global locations with local design inspirations

UNC COMPUTER SCIENCE

Teaching Assistant (TA) *08/2022 – 12/2023*
- Achieved top 3 most contributing TA by assisting 60+ students on full-stack coding projects with Angular, FastAPI, PyTest, PostgreSQL, and Docker
- Taught 100+ students data structures, which helped lay a strong CS foundation for them in later courses

Projects

UNC CS EXPERIENCE LAB (CSXL)

Tech Lead & Full-stack Developer *02/2023 – 05/2023*
- Spearheaded the CSXL reservation system to ensure equal student access to >30 workspaces and equipment
- Promoted to be tech lead of a team of 4 after owning 45% of high-quality PRs and proactively led planning
- Established a CI/CD pipeline using Docker, speeding up new feature releases for an Angular/FastAPI project

TRACKIO

Front-end Developer *02/2022*
- Won first place out of 1,200 participants at Hack to the Future 4 in 'Sustainable & Inclusive Finance' and 'Best DEI' hacks by working with 2 teammates to build a voice recognition budget app for people with disabilities

HACKNC HACKER PORTAL

Full-stack Developer *09/2021 – 11/2021*
- Developed an application with Node.js, SQLite, and Heroku for customizing QR codes used for instant hacker profile lookup and mass-sending them to 500+ participants
- Reduced training for 20 volunteers by 80% and improved check-in, food, and swag wait time for hackers

Skills

Languages: Python, Javascript, Typescript, HTML/CSS, Java
Front-end: React, Angular, Bootstrap, Tailwind CSS   *Back-end:* Next.js, Express.js, FastAPI, Django, Flask
Databases: SQL, SQLite, PostgreSQL, MongoDB, Firebase   *Others:* AWS, Azure, Git, Jest, PyTest, Postman