

NAM TRUONG

972-523-6666 | nqt190001@utdallas.edu | linkedin.com/in/namtruongcs | github.com/nam-t24
namtruong.vercel.app

EDUCATION

The University of Texas at Dallas, Richardson, TX
B.S. in Computer Science, Minor in Finance

May 2024
GPA: 3.863

SKILLS

Languages : Java, Python, JavaScript, Typescript, C++, Ruby, HTML/CSS, SQL, Terraform
Tools : Git, AWS, Firebase, GCP, Supabase
Frameworks : React, Next.js, Spring Boot, Ruby on Rails, Tailwind

EXPERIENCE

JPMorganChase

June 2023 - Aug. 2023

Software Engineering Intern

- Conceptualized and implemented an **AWS Neptune** graph database to store 1 million+ datapoints
- Created **AWS Lambda** functions to connect to Neptune database within the VPC
- Achieved 90%+ unit test code coverage using **JUnit** and **Mockito**

State Farm

May 2022 - Aug. 2022

Software Engineering Intern

- Designed and constructed an internal State Farm GitLab web scraper to extract repositories/issues pertaining to Research & Development
- Enhanced researching productivity of the Research & Development Team by automating code search
- Deployed scraper process within **AWS Lambda**, **SQS**, and **S3** and implemented AWS infrastructure using **Terraform**
- Improved efficiency of scraping **4000+ repositories** by **80%** by integrating the **GitLab API** and **AWS SQS queues**

PROJECTS

HackPortal, ACM | HackUTD Development Team

- Engineered a hackathon event management platform for hackathon organizers
- Implemented login system, form registration, database fetching, and front-end customizability
- Used by **10+ hackathon organizations** and managed **2000+ hackers** during HackUTD
- Utilized: Next.js, Typescript, Firebase, Tailwind CSS

SimpliFarm, HackTX

- Developed a **machine learning** application that uses API and farm data to determine optimal water and fertilizer usage for farmers
- Achieved SSO and user-specific database fetching and posting by integrating **Firebase**
- Accomplished result summary SMS through the **Twilio API** and **Cohere** natural language processing
- Won Twilio and John Deere challenge out of 119 projects
- Utilized: Next.js, Firebase, Flask, Weather & Google API, Twilio API, Cohere NLP

Blink, HackDFW

- Created an interactive video conference platform with activities to mimic engaging classroom environments
- Established a real-time video calling and messaging system by integrating **Agora.io API**
- Designed student data fetching and video call APIs
- Utilized: React, Node.js, Typescript, Agora.io API, Tailwind CSS

ACTIVITIES

Association for Computing Machinery

2020 – 2024

Technical Officer, ACM & HackUTD Team

- Organized events for HackUTD, the largest university hackathon in Texas
- Developed event websites and applications for HackUTD's seasonal hackathons