

Phuong Nguyen

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EDUCATION

The University of Texas at Dallas

Bachelor of Science in Computer Science

- Academic Excellence Scholarship Recipient

Richardson, TX
Aug 2020 - May 2024

EXPERIENCE

IT Analyst – Rotational Program

Tokio Marine HCC

March 2024 – Present
Houston, TX

- Participating in a rotational program covering four key domains: Security, Cloud, Software, and Data
- Completed rotations in Security Operations Center (SOC Analyst) and Cloud Engineering, gaining hands-on experience in incident response, and cloud infrastructure management and support

DevOps / Team Lead (Capstone Project)

Ellison Fluid Calipers

Jan 2024 – May 2024
Allen, TX

- Led the completion of Phase 2 for a web app from a previous capstone project, incorporating 5 new job types.
- Pioneered the implementation of machine learning models to enhance predictions and calculations within the project.
- Oversaw tasks such as database upkeep, approving merge requests, and maintaining production site availability and updates for the sponsor.

Software Engineer Intern

Tokio Marine HCC

May 2023 - Aug 2023
Houston, TX

- Designed and created RESTful APIs enabling certificate of insurance searches for a travel insurance provider.
- Generated detailed documentation to support developers in integrating APIs smoothly.
- Built microservices for transitioning a company from monolithic architecture, boosting scalability and operational efficiency.

PROJECTS

University Parking Portal | HTML/CSS, JavaScript, PHP, MySQL, XAMPP

Sep 2023 - Dec 2023

- Led a team to develop a new parking portal site for university students.
- Enabled students to purchase parking passes, add new vehicles, request refunds, and pay off citations through the portal.

Portfolio Site | React.js, Next.js, JavaScript, Node.js, HTML/CSS, Tailwind, Vercel

Feb 2023 – Mar 2023

- Created a portfolio site to showcase personal information, completed projects, and contact details.
- Utilized modern web technologies to build an interactive and responsive user experience.

editify | React.js, JavaScript, Node.js, HTTP, HTML/CSS

Sep 2021 - Jan 2022

- Developed a web app using the Spotify API with React for the frontend.
- Implemented HTTP calls to the Spotify API to retrieve and update user information.
- Enhanced user experience by providing more options to create and edit playlists.

myFan | Python, Flask, HTML/CSS, Raspberry Pi

Jan 2021 - Mar 2021

- Set up a web server using Flask to communicate with a Raspberry Pi.
- Controlled the on/off functionality and speed of a pedestal fan through the web interface.

TECHNICAL SKILLS

Languages: Java, Python, C++, C#, JavaScript, HTML/CSS, PHP, SQL Server, PostgreSQL, MySQL

Frameworks: React.js, Next.js, Node.js, Flask, Express, Bootstrap, Tailwind

Developer Tools: Git, Docker, Firebase, Google Cloud Console, AWS, Azure, Vercel, XAMPP