DRAKE DO

Fort Worth, Texas | (682)-374-8227 | thanhnguyen14.gers@gmail.com | thanh-nguyen-do-portfolio.vercel.app |
linkedin.com/drakedo | github.com/drakenevadie19

EDUCATION

Texas Christian University   *Expected graduation: May 2025*
Bachelor of Computer Science, Minor: Mathematics   GPA: **3.6** / 4.0
Award: *TCU Dean's Honor List*   **Honor Society:** *Upsilon Pi Epsilon*

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, Typescript, Python, C, Kotlin, SQL.
Front-end: Next.js, React.js, Redux, Angular.js, Rxjs, Vue.js, Figma, Bootstrap 5, MaterialUI, Sweet Alert 2, Chart.js.
Back-end: SpringBoot, Express.js, MongoDB, PostgreSQL, RESTful API, MySQL, Supabase, GraphQL, Firebase, Git, Github, Docker, Kubernetes, Netflix Eureka Server, JUnit, Jenkins, ArgoCD, AWS ALB, AWS EC2, AWS RDS (SQL).
Mobile Development: Android Development, React Native.

WORK EXPERIENCES

Undergraduate Computer Science Teacher Assistant   *August 2023 - Present*
Texas Christian University   *Fort Worth, TX*
- Facilitated guidance and feedback for over 50 student lab projects in Computer Science courses, including Data Structures and Techniques in Programming, enhancing overall student performance on project assessments.
- Evaluated individual contributions to programming assignments **from over 50 students**, enhancing understanding of key concepts which directly correlated with marked increases in test scores among participants.
- Hosted weekly 4-hour Computer Science help desk session.

FullStack Developer Intern   *May 2024 - August 2024*
ThankUPet   *Fort Worth, TX (Remote)*
- Engineered a scalable CRM platform for **100+** pets and owners, and used **Next.js** with **Figma** designs, resulting in a **40% increase in user engagement** and **streamlined pet management**.
- Architectured thorough documentation for **21 APIs** supporting a robust back-end solution in the pet-caring management system, resulting in improved user engagement and operation for the scheduling process.
- Applied **Express.js** and **Node.js** to implement efficient routing and middleware handling solutions, ensuring seamless API integration and responsiveness, and enhancing performance and reliability.
- **Tech stack: Next.js, TypeScript, Express.js, Supabase, Planetscale, Stripe, Node.js.**

Software Engineer Intern   *June 2023 - August 2023*
FPT Software   *Da Nang, Vietnam (Remote)*
- Developed interactive and responsive CRM website to provide innovative solutions for managing **100.000+ houses** and apartments, using reusable **Angular.js** components, based on the design specifications in **Figma**.
- Delivered features including managing email/text, setting appointments, and tracking messages, calls, and emails by harnessing existing APIs of **Python** and **Django**.
- Collaborated with 6 peers using **Agile methodologies** to build the website.
- **Tech stack: TypeScript, Angular.js, RxJS, Bootstrap 5, Python.**

PROJECTS

BookEZ | **Github Link** | **Website Link**
- Engineered a comprehensive salon appointment booking platform utilizing **React**, **Express**, **Node.js**, and **PostgreSQL**; streamlined user experience led to a 40% increase in bookings during the first quarter post-launch.
- Optimized front-end components of the application implementing **advanced responsive designs** via **Material UI**; completed revisions within two weeks, resulting in **faster load times of up to four seconds** on specific devices.
- Integrated interactive confirmation dialogs using **SweetAlert 2**, leading to a **significant enhancement in user interaction** and **decreasing booking errors by 30%**, ensuring smoother appointment processes for clients.
- **Deployed the application on Railway** to ensure reliable performance and accessibility in a cloud environment.
- Performed and refined the PostgreSQL relational database structure to decrease average query processing times by 40%, resulting in faster access to essential data for users throughout the development lifecycle.
- **Tech stack**: **JavaScript, React.js, Material UI, Sweet Alert 2, PostgreSQL, Express.js, Node.js, Railway.**

BOOTCAMPS & CERTIFICATES

- **Software Engineer Virtual Experience** by **JPMorgan Chase & CO. [Certificate Link]**
- **CodePath Advanced Web Development (WEB 103) (September 2024 - November 2024) [Certificate Link]**
- **CodePath Advanced Technical Interview Prep (TIP 103) (June 2024 - August 2024) [Certificate Link]**