

THIEN NGUYEN

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Education

University of Texas at Arlington

B.S. in Computer Science

Aug 2023 – Expected Dec 2026

Arlington, TX

Tarrant County College

A.S. in Computer Engineering

Jul 2020 – May 2023

Fort Worth, TX

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Systems, Software Development, Information Security

Projects

KioskGuys | Django, React Native, SQL, REST APIs

Oct 2025 – Present

github.com/patrickngg1/kioskguys

- Developed backend services in **Django** supporting room reservations, supply requests, and campus kiosk features.
- Designed and implemented **secure RESTful APIs** connecting a Vite-based frontend with backend services.
- Built and maintained **SQL/TiDB database schemas** to manage users, reservations, and system data with validation and integrity rules.
- Collaborated with team members using **Git/GitHub workflows** for version control and issue tracking.
- Project scope expanded after stakeholder review, resulting in increased funding and additional feature development.

UTA Lost & Found Website | HTML, JavaScript, CSS, Firebase

Sep 2025 – Nov 2025

github.com/patrickngg1/cse3311-Lost-Found

- Built a full-stack web application enabling students and staff to report, search, and claim lost items.
- Implemented secure authentication and real-time database services using **Firebase**.
- Designed workflows for item reporting, browsing, searching, and claim management.

Health Fitness App | Java, SQL, Android Studio

Oct 2024 – Dec 2024

- Developed an Android application with secure login and user account management features.
- Implemented backend logic in **Java** to validate user input and enforce password requirements.
- Designed and maintained a **relational SQL database** ensuring data integrity and preventing duplicate accounts.

Certification

CompTIA Security+ (SYD-701)

Aug 2024 – Present

Topics: Network Security, Threat Detection, Access Control, Risk Management, Incident Response, Cloud & Application Security

Technical Skills

Languages: Python, C, C++, Java, SQL, JavaScript, HTML, CSS

Frameworks/Technologies: Django, Firebase, REST APIs, SQL Databases

Tools: Git, GitHub, Visual Studio Code, Android Studio