

Thu A. Nguyen

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EDUCATION

University of North Texas | Denton, TX

Bachelor of Science in Computer Science

Expected May 2024

GPA: 3.95/4.0

Relevant Coursework:

Software Engineering, Data Structures and Algorithms, Fundamentals of Computer Science, System Programming, Database Administration, Differential and Integral Calculus, Probability, Linear Algebra

EMPLOYMENT EXPERIENCE

Applied Concepts Inc.

January 2024 – Present

Windows OS Application Developer Intern

Richardson, TX

- Developed desktop application using C# for radar and speed enforcement products, contributing to the enhancement of core functionalities of the information management system and improved user experience.
- Implement new features and fix bugs in existing applications, gaining valuable exposure to the entire development lifecycle and agile project management using Azure and DevOps tools like TFS, Gitlab, and RedmineX.

Code The Dream

October 2023 – January 2024

Volunteer 1:1 Mentor & Assignment Reviewer

- By-Appointment mentors for the "Introduction to Programming" course with one-on-one sessions to help on specific questions.
- Review student assignments on a weekly basis and provide feedbacks to students.

Kumon Learning Center

August 2020 – April 2021

Teaching Assistant

Richardson, TX

- Guided students from pre-K to high school in Math and Reading skills development.

PROJECTS

Color Accessibility App *Next.js, Django, HTML/CSS, Machine Learning*

September 2023 – Ongoing

- Collaborating with a team of four to develop a color accessibility web application to assist color-blind individuals in recognizing colors.
- Utilized a Next.js frontend, Django backend, and RESTful APIs for color recognition, implementing a machine learning model for color recognition.

Bookish *Angular, HTML/CSS, TypeScript, GoogleBook API*

November 2023

- Developed a Book Finder App to help users search for and discover books based on various criteria, fetching data from GoogleBook API and displaying results in a structured and organized format.
- Designed and implemented the user interface, ensuring a responsive and intuitive user experience.

Expense Tracker *React, Firebase, JavaScript, CSS*

May 2023

- Developed a dynamic expense tracker web application using React.js and integrated Firebase for real-time data storage and authentication.
- Utilized Firebase Authentication for user registration and login authorization to ensure data privacy.
- Integrated Firestore for data storage with functionalities for adding and deleting.

TECHNICAL SKILLS

Languages: C/C++, JavaScript, Python, C#, HTML/CSS, Java

Frameworks & Database: React.js, Next.js, Angular, Node.js, Django, Firebase, PostgreSQL

Tools: Visual Studio, Visual Studio Code, Git, Docker