

EMILY NGUYEN

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EDUCATION

University of North Carolina - Charlotte

Aug 2021-May 2025

Bachelor of Science in Computer Science, Web and Mobile Applications Concentration

Relevant Coursework: Data Structures and Algorithms, Network Based Application Development, iOS Development, Human-Centered Design, Object-Oriented Systems, Database Design and Implementation

TECHNICAL SKILLS

Languages: Entry-level proficiency in Javascript, HTML/CSS/EJS, Swift, Java, C, C++, SQL

Technologies: MongoDB, Express.js, React, Node.js, jQuery, AJAX

Developer Tools: Xcode, Android Studio, Git/Github, npm, Figma, Visual Studio Code

PROJECTS

NoteNest

Spring 2025

- Developed a full-stack document-sharing web application using MERN stack and MVC architecture within a team setting.
- Leveraged MongoDB and Mongoose ODM for seamless data integration within a JavaScript environment.
- Prioritized security through using MongoDB's authentication, authorization, and encryption.
- Conducted frequent code reviews and maintained comprehensive documentation, fostering improvement in team collaboration within an Agile framework.

Stargazer

Spring 2025

- iOS application built with both SwiftUI and UIKit.
- Fetches astronomical data from public APIs to calculate and display the visibility of celestial bodies based on user geolocation.

Personal Website

Fall 2023

- Utilized HTML/CSS, JavaScript to develop, maintain, and host a responsive website, which detailed my projects, skills, learning process, and additional interests.

COMMUNITY

Volunteer Note-Taker

Fall 2024

Office of Disability Services – UNC Charlotte

- Produced detailed class notes for the ITSC 3155 - Software Engineering course - on a weekly basis for qualified students registered with the Office of Disability Services.