# 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:** Software Engineering, Software Architecture and Design, Data Structures and Algorithms, iOS Development, Network Based Application Development, Database Design and Implementation

## PROJECTS

**NoteNest | Full-Stack Web Application**                                            **Spring 2025**
*MongoDB, Express, React, Node.js, Git, Postman*
- Developed a full-stack, document-sharing platform following MVC design and Agile practices
- Led backend development, integrated MongoDB authentication & authorization; emphasized secure data handling
- Collaborated on GitHub using version control and peer reviews for traceability and code quality
- Delivered feature-complete MVP within 4-week sprint cycles

**Stargazer | iOS Application**                                                       **Spring 2025**
*Swift, SwiftUI, UIKit, Core Location*
- Developed a geolocation-based app that fetches astronomical forecasts using public APIs
- Integrated UIKit views with real-time tracking to deliver a smooth user experience
- Followed test-driven development practices to ensure robust code

**Personal Website | Responsive Web Project**                                         **Fall 2023**
*HTML, CSS, JavaScript, jQuery*
- Created and deployed a responsive personal website to showcase academic and personal projects
- Emphasized clean UX/UI, mobile-first design, and responsiveness on any device

## TECHNICAL SKILLS

**Languages**: JavaScript (ES5/ES6, TypeScript), HTML5, CSS3, Java, Swift, Python
**Platforms/OS**: Linux (CLI tools: grep, vim, bash), iOS, Android, Web
**Tools/Frameworks**: React, Node.js, MongoDB, Express, PostgreSQL, MySQL, Git/GitHub, Postman
**Concepts**: Agile/Scrum, REST APIs, MVC Architecture, WCAG/ADA, SEO Best Practices, CI/CD basics, UX Testing

## COMMUNITY

**Volunteer**                                                                         **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
- Adapted to evolving course material to support students with accessibility needs
- Maintained professional rapport and responsibility within a time-sensitive academic setting