

# Nghi Ho

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## EDUCATION

**University of North Texas, BS. Computer Science, GPA: 3.95**

Expected Graduation: May 2024

**Certificate:** UNT Security Certificate

**Coursework:** Data structures, Algorithms, Software Engineering, Data Administration, System Programming, Computer Network, Operating Systems, Cybersecurity Fundamentals

## TECHNICAL SKILLS

**Development:** ASP.NET C# | MVC | Web API | Vue3 | TypeScript | React | Unit Testing | Django

**Database:** SQL Server | MySQL | PostgreSQL | LINQ

**Software:** Visual Studio | VS Code | GitHub | GitLab | PgAdmin | Open Project | JetBrains Rider

## EMPLOYMENT EXPERIENCE

**Software Developer Intern, Ayoka LLC, Arlington, Texas**

May 2023 - Present

- Ranked among the company's Top 3 Best Performance Developer 10+ times by consistently exceeding expectations.
- Offered solutions for clients from diverse industries by conducting monthly meetings to align project strategies with unique business requirements.
- Led a development team of 2 interns, assigned tickets, and conducted code reviews using tools like GitLab and SourceTree, ensuring consistent and well-maintained codebase.
- Designed database and created ERD based on project requirements, optimized efficient data management and system functionalities.
- Implemented unit testing throughout development process, utilizing tools like NUnit/xUnit, Jest/Mocha
- Participated in agile development process, contributing to sprint planning, daily scrums, and weekly meetings with project managers. Proactively sought feedback and consistently revised project strategies.

**Software Engineer Volunteer, Develop for Good, Remote**

May 2023 – August 2023

- Collaborated in a team of 8 to enhance the existing functionalities of the website of a non-profit organization and implemented additional features.
- Reduced bugs in Admin Dashboard by 50%. Introduced and developed the Green Premium Coupons feature using React.js, Node.js and Firebase.
- Participated in weekly team meetings with clients and project leads to discuss requirements and goals for each sprint.

**Peer Mentor, University of North Texas, Denton, Texas**

January 2023 – May 2023

- Held tutoring sessions for classes of 20+ students for *Data Structures & Algorithms* and *Programming II* classes, ensure that students have all the assistance for their success in the course.
- Provided help on grading and preparing solutions for homework and assessments.

## PROJECTS

### Color Blindness App

- Led a team of 5 to build a color accessibility application that leverages machine learning to classify and convert colors to enhance user experience with colors in images.
- Tracked and organized project progress using Trello and conducted weekly meetings to discuss goals.
- Created base project with Nuxt and Django, successfully connected the frontend to the backend.
- Built functionality of generating a color palette from an image and classifying colors by labeling color name in the image.

### Subtitles Generator

- Collaborated with 2 team members to develop a web application emphasizing accessibility and usability, enabling users to effortlessly generate and customize subtitles for videos.
- Built React.js pages for uploading video and extract subtitles file.
- Implemented subtitles customization on fonts, font sizes, text colors, and background colors.