

# Natalie Hoang

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## EDUCATION

### Eastern Michigan University

Ypsilanti, Michigan | Aug 2021 – Dec 2024

BS, Computer Science Applied

GPA: 3.44

Honors/Awards: Dean's List 2022 & 2024

Scholarships: Regents Scholarship

### Washtenaw Community College

Ann Arbor, Michigan | Aug 2019 – May 2021

AGS, General Studies

GPA: 3.81

Honors/Awards: Dean's List 2019-2021

Scholarships: President's Honor Scholarship (2-year full-tuition)

## WORK EXPERIENCE

### United Wholesale Mortgage - Application Development Intern

Pontiac, Michigan | May 2024 – Aug 2024

- Worked with other interns to design, develop, and deliver a comprehensive dashboard for the IT department.
- Contributed as a front-end developer for my intern team, working with **React** and MUI to enhance user experience.
- Utilized agile methodologies to ensure timely project delivery, enhancing overall team productivity.

## TECHNICAL PROJECTS

### Ript Fitness App - COSC481: Senior Project

Current Project

- Used **Figma** and **Adobe Illustrator** to create wireframes and logos.
- Utilized **React Native** and **TypeScript** to create reusable components.
- Implemented API calls to connect the front-end interface with the backend services, ensuring functionality between them.
- Applied testing strategies using **Jest** to ensure code quality.

### ReMarket - COSC471: Database Principals

Winter 2024

- Collaborated with 6 other teammates to develop an online marketplace web application, from initial concept to deployment.
- Utilized **HTML** and **CSS** to design the account profile page as a front-end developer.
- Created primary and secondary logos using **Adobe Illustrator**.

### Tower of Zeru - COSC457: Computer Game Programming

Winter 2024

- Co-created a fully functional 2D rogue-lite dungeon crawler game in **Unity** with engaging gameplay mechanics.
- Optimized player controls for seamless interaction, enhancing the overall gaming experience.
- Composed and integrated a custom soundtrack and sound effects, adding depth to the game's immersive atmosphere.

### Weather App - COSC426: Software Development for Mobile Devices

Winter 2024

- Designed and developed a weather application using **Android Studio** and **Java**.
- Integrated OpenWeatherMap API to fetch real-time weather data for various locations.
- Implemented user-friendly UI with features like current weather display and forecast.

## RELEVANT COURSEWORK

Data Structures and Algorithms, Software Engineering Solutions, Database Principals, Web Programming, Software Development for Mobile Devices, Graphic Design/Non-Major

## LEADERSHIP EXPERIENCE

### EMU Women in Computer Science Club

Ypsilanti, Michigan | Aug 2022 – Present

Active Member

- Attended meetings discussing computer science topics, career fair preparation, resume building, and recruiter visits.
- Volunteered at Digital Divas, an event to teach young girls about careers in STEM fields.

## SKILLS

**Programming:** Java, HTML, CSS, Python, React, JavaScript

**Technologies:** Git, GitHub, VS Code, Figma, Adobe Illustrator, Photoshop, Android Studio, Xcode

**Soft Skills:** Leadership, Team Collaboration, Problem Solving, Effective Communication