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*   Fall 2024
- Created UI mockups using **Figma** to visualize the app's layout and user experience.
- Utilized **React Native** and **TypeScript** to create reusable components and develop dynamic screens.
- Implemented API calls to connect the front-end interface with the backend services, ensuring functionality between them.
- Conducted user research through beta testing, collecting feedback, and applying it to improve the app's features and usability.

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, SQL
Technologies: Git, GitHub, VS Code, Figma, Adobe Illustrator, Photoshop, Android Studio, Xcode
Soft Skills: Leadership, Team Collaboration, Problem Solving, Effective Communication