

# THANH HA NGUYEN

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## EDUCATION

### McMaster University

Honours Computer Science Co-op (B.A.Sc.), Minor in Economics

Hamilton, Ontario

Sept 2021 - Present

## EXPERIENCE

### Front-end Developer

Harmonysoft

May 2023 – Aug 2023

Hanoi, Vietnam

- Collaborated with a **cross-functional team of 5 members** including designers and front-end/ back-end developers to create a responsive and visually appealing user interface seamlessly integrated with the backend services.
- Incorporated **HTML, CSS, JavaScript, and ReactJS/ React Native** to build web/ mobile applications, and used **Figma** to design mobile applications.
- Actively participated in **code reviews**, providing constructive feedback and maintaining a high standard of code quality and consistency across the project.
- Identified and resolved bugs to ensure high software quality and user satisfaction.

### English Teaching Assistant

NP Education

Dec. 2020 – Jul 2021

Hanoi, Vietnam

- Collaborated with the lead teacher to lead the **class of up to 50 students**, identify, and address students' behavioral issues.
- Assisted the lead teacher with grading hundreds of assignments and essays, maintaining records, and preparing for class sessions to ensure the quality of lessons.

## PROJECTS

### NewsNewsNews | FastAPI, Python, Firebase, ReactJS, JavaScript, HTML, CSS

Aug 2023 – Present

- Created a dynamic news website with categorized articles, which integrates an interactive commenting system to foster user engagement using **ReactJS, JavaScript, HTML, and CSS** for front-end.
- Implemented a content submission feature utilizing **FastAPI, and Python** for backend functionality and **Firebase** for database management.
- Incorporated secure user authentication via sign-in to ensure data privacy

### Music Center Management Web | JavaScript, HTML, CSS, ReactJS

May 2023 – July 2023

username: admin | password: 123456

- Worked as a front-end developer in a team of 5 to implement **JavaScript, HTML, and CSS, using React framework** to create a music center website for an admin to **manage up to 200 students**, teachers, classrooms, and types of equipment.
- Integrated real-time features to update class schedules, enabling admins to create classes, and manage classes' status, tuition, and teachers' salaries, resulting in a **time reduction of 70% of administrative tasks**.

### Music Center Management App | Figma

July 2023

- A design of a mobile app using **Figma** which is used to keep track of the revenue and manage all the classes, teachers, and students conveniently on a mobile phone.

### Personal Website | JavaScript, HTML, CSS, ReactJS, TailwindCSS

May 2023 – Sept 2023

- Provided a concise introduction, highlighting my technical expertise, skills, unique value proposition, and certificates.
- Contained essential details such as my email address, phone number, and links to my professional social media profiles, as well as samples of previous projects and designs to demonstrate my skills.

## SKILLS

**Programming Languages:** Java, Python, C, SQL, JavaScript, HTML/CSS

**Frameworks:** React, React Native, FastAPI

**Technologies:** Git, VS Code, PyCharm, Eclipse, Figma

**MS Office:** Word, PowerPoint, Excel, Outlook.

**Others:** Analytical skills, self-study, teamwork, multi-tasking, time management, bi-lingual (English, Vietnamese).