THANH HA NGUYEN

905-923-1909 | nguyeh83@mcmaster.ca | linkedin.com/in/nguyen-thanh-ha-cs | github.com/HaNguyenCS |
hanguyencs.github.io

EDUCATION

McMaster University   Hamilton, Ontario
Honours Computer Science Co-op (B.A.Sc.), Minor in Economics   *Sept 2021 - Present (Expected graduation 2025)*

CERTIFICATIONS

Microsoft Certified: Power BI Data Analyst Associate
Score: 803/1000   *Jan 2024*

EXPERIENCE

Front-end Developer   May 2023 – Aug 2023
Harmonysoft   *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 code quality and consistency across the project.
- Identified and resolved bugs to ensure high software quality and user satisfaction.

PROJECTS

Ecommerce Sales Dashboard | *PowerBI*   Dec 2023
- Utilized different basic to advanced DAX functions to derive meaningful insights from the data.
- Implemented time-based analysis using Power BI's time intelligence functions.
- Enhanced visualizations by using data bars, and icon sets for better data interpretation.
- Defined and calculated Key Performance Indicators (KPIs) relevant to the business objectives (Year-to-date sales, profit, sale quantity, profit margin).
- Implemented a variety of charts to convey insights effectively (map, slicer, donut, matrix, bar chart).

NewsNewsNews | *FastAPI, Python, Firebase, ReactJS, JavaScript, HTML, CSS*   Aug 2023
- 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, Figma*   May 2023 – July 2023
- 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**.
- Designed 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 Here.

SKILLS

Programming Languages: Java, Python, C, SQL, JavaScript, HTML/CSS, Haskell
Frameworks: React, React Native, FastAPI
Others: Power BI (Clean, Transform, Model, Visualize Data), Git, VS Code, Eclipse, Figma, Computer Hardware, Data Structures and Algorithms, Software Design, Windows, VirtualBox, Firebase, FastAPI
MS Office: Word, PowerPoint, Excel, Outlook.
Soft skills: Analytical skills, self-study, teamwork, multi-tasking, time management, bi-lingual (English, Vietnamese).