THANG TRAN

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EXPERIENCE

Software Developer Intern
HSBC Canada

📅 May 2022 – Present   📍 Vancouver, British Columbia

- Developing iOS applications (**WealthDashboard** and **StockTrade**) using **Swift**, **Objective C**, **Xcode** and other frameworks like **RxSwift**, **RxCocoa**, etc.
- Collaborating as a member of an **agile** team, debugging and troubleshooting based on assigned tasks on **Jira**, writing and reviewing code on **Git** and **Github**.

Full Stack Developer Intern
SickKids Hospital - IEMHP

📅 Feb 2022 – Present   📍 Toronto, Ontario

- Developing **Material UI** components to deliver new features, animations and improve User Interface using **ReactJs** and **TypeScript**.
- Designing and implementing API endpoints and authentication methods in **NodeJs** backend server.
- Writing store procedures to connect **Express** with **MSSQL database** and performing unit testing.

Software Developer
University of Windsor Computer Science Society (CSS)

📅 Jan. 2022 - Present   📍 Windsor, Ontario

- Working mainly on the Discord bot used in UWindsor CSS's Discord server
- Responsible for maintaining and developing different commands, services using **TypeScript** and **Discord.js**.

.NET Developer Intern
YinYang Workshop

📅 Jan. 2019 - Dec. 2019   📍 Ho Chi Minh City, Vietnam

- Improved and optimized UI/UX by **HTML**, **CSS**, **JavaScript**, and **Bootstrap** for website responsive and animation.
- Involved in coding, developing different Modules using **C#, ASP.NET MVC** and connected to **MSSQL** using Entity Framework to perform CRUD action.
- Worked with **Dedicated Windows Hosting**, set up Domain name and integrated **SSL Certificate**.

ACHIEVEMENTS

2022	**Google Code Jam - Qualification Round** Achieved **71 points** out of 100
2022	**WinHacks - MLH Hackathon** Won **Best UI/UX** Application
2022	**Google HashCode - Qualification Round** Ranked in **top 2000** out of 9000+ teams

EDUCATION

Bachelors of Computer Science (Honours)
University of Windsor

📅 September 2021 – Present

- Software Engineering Specialization

PROJECTS

D.C Finisher Home Repair & Maintenance
🔗 https://dcfinisher.tech

- Built a web application to manage content and introduce family business by using **MERN Stack**.
- Integrated **NextJS** to utilize Server Side Rendering and enhance SEO performance.
- Stored and queried data from **MongoDB** and communicated with Frontend using **ExpressJS**.

Personal Portfolio & Blog
🔗 https://matthewtrn.me

- Developed a web application to showcase my work and publish personal blogs with Frontend implemented using **ReactJS** and **NodeJS/ExpressJS** for Backend
- Deployed on **Cloud Server** (Digital Ocean) with **domain name** and **SSL Certificate**.

Ecommerce Store
🔗 https://ecommerce-store-frontend.vercel.app/

- Created **ASP .NET Web API** and utilized **Entity Framework** to query and update database in **MSSQL**.
- Implemented client side interface using **React**, **NextJs**, **Material UI** and managed actions using **Redux**.
- Integrated **Stripe** to accept payments, hosted API on **Azure** and deployed NextJs app to **Vercel**.

Easyowe
🔗 https://easyowe.app

- Web Application built in WinHacks to help friends and group track bills and manage their shared expense.
- Built within a weekend and by the end, we won the "Best UI/UX" prize for the design.
- Frontend built with **NextJs** and **TypeScript** and Backend implemented by **ExpressJs** and **MongoDB**.

SKILLS

- **Backend and Database**: C/C++, C# - ASP.NET, NodeJS, ExpressJS, MSSQL, MongoDB
- **Tools and Technologies**: HTML5/CSS3, Bootstrap, JavaScript, ReactJS - NextJS, Github - Git
- **Cloud and Data Science:** Python, Tensorflow, R Programming, SQL, Tableau, Azure, DigitalOcean
- **Mobile Development**: Objective C, Swift 5, Xcode 13, RxSwift, RxCocoa.