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

📅 February 2022 – September 2022   📍 Toronto, Ontario

- Assembled and customized **Material UI** components to deliver new features, animations and improve User Interface using **ReactJs** and **TypeScript**.
- Designed and implemented API endpoints and authentication methods in **NodeJs** backend server.
- Programmed store procedures to connect **Express** with **MSSQL database** and performed unit testing.

Software Developer
University of Windsor Computer Science Society (CSS)

📅 January 2022 - Present   📍 Windsor, Ontario

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

Teaching Assistant
University of Windsor

📅 September 2022 - Present   📍 Windsor, Ontario

- Assisting instruction for **Object-Oriented Programming using Java** (COMP-2120) course
- Responsible for lab instruction, holding weekly office hours to **tutor students** and marking assignments, exams

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

- Constructed 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.
- Organized and retrieved data from **MongoDB** and communicated with Frontend using **ExpressJS**.

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

- Devised 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/

- Fabricated **ASP .NET Web API** and utilized **Entity Framework** to query and update database in **MSSQL**.
- Operated 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 groups track bills and manage their shared expense.
- Produce 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.