

THANG TRAN

University of Windsor

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EXPERIENCE

Full Stack Developer Intern

SickKids Hospital - IEMHP

Feb 2022 – Present

Toronto, Ontario

- Infant and Early Mental Health Promotion (IEMHP) is a national organization translating and promoting the science of early mental health into practice.
- Developing **Material UI** components to delivery 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
- Contributing in 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://dcfinish.ca>

- Built a web application to manage content and introduce family business by using **MERN Stack**.
- Integrate **NextJS** to utilize Server Side Rendering to help 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/>

- Followed Udemy course and constructed a complete ecommerce website application using **NextJs** and **.NET**
- Created **ASP .NET Web API** and utilized **Entity Framework** to query and update database in **MSSQL**.
- Implemented client side interface using **React**, **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 I created.
- 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, Excel, Tableau, Azure, DigitalOcean.