THANG TRAN

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matthewtrn.me

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

B 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.