

# Thang Tran

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## Education

<b>University of Windsor</b> <b>Bachelor of Science Honours Computer Science</b> Software Engineering Specialization	<b>Windsor, ON</b> September 2021 – December 2024
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## Experience

<b>KnockNow</b> <b>Fullstack Software Developer Intern</b> <ul style="list-style-type: none"><li>– Implement and deploy new REST API endpoints to AWS using Python, Flask, Docker and MySQL</li><li>– Coordinate with teams to enhance frontend with ReactJS, CSS and Material UI</li></ul>	<b>Remote</b> January 2023 – Present
<b>University of Windsor</b> <b>Teaching Assistant</b> <ul style="list-style-type: none"><li>– Plan and facilitate lab sessions for 25+ students in Object-Oriented Programming (COMP-2120)</li><li>– Provide feedback and tutorial during weekly office hours, grade assignments, examinations</li></ul>	<b>Windsor, ON</b> September 2022 – Present
<b>HSBC Canada</b> <b>Software Engineer Intern</b> <ul style="list-style-type: none"><li>– Developed iOS applications (WealthDashboard and StockTrade) utilizing Swift, Objective-C, Xcode and other frameworks such as RxSwift or RxCocoa</li><li>– Collaborated as a member of an agile team, debugged and troubleshoot over 50+ defects assigned on Jira</li><li>– Wrote and updated 40+ unit tests to increase test coverage by 25% across team codebase using XCTest</li></ul>	<b>Vancouver, BC</b> May 2022 – November 2022
<b>University of Windsor Computer Science Society</b> <b>Software Developer</b> <ul style="list-style-type: none"><li>– Operate the Discord bot integrated in UWindsor CSS's Discord server with 1000+ members</li><li>– Create and maintain 15+ different commands and services using TypeScript, Discord.js and PostgreSQL</li><li>– Rebuild the main web application using Golang, PostgreSQL and Docker</li></ul>	<b>Windsor, ON</b> January 2022 – Present
<b>SickKids Hospital - IEMHP</b> <b>Fullstack Software Developer Intern</b> <ul style="list-style-type: none"><li>– Customized Material UI components to deliver new features using ReactJS and TypeScript</li><li>– Designed and implemented REST API and custom JWT authorization in NodeJS backend server</li><li>– Programmed store procedures to connect Express with MSSQL and optimized database queries, making it 15% faster</li></ul>	<b>Toronto, ON</b> February 2022 – September 2022

## Projects

<b>D.C Finisher Home Repair &amp; Maintenance</b> <ul style="list-style-type: none"><li>– Created a web application to organize content and introduce family business by using MERN Stack</li><li>– Integrated NextJS to utilize Server Side Rendering and enhance SEO performance</li></ul>
<b>Ecommerce Store</b> <ul style="list-style-type: none"><li>– Fabricated ASP .NET Web API and utilized Entity Framework to query data from MSSQL</li><li>– Built client side using React, NextJS, Material UI and managed actions using Redux</li><li>– Integrated Stripe to accept payments, hosted API on Azure and deployed NextJS app to Vercel</li></ul>

## Technical Skills

**Backend and Database:** C, C++, C# - ASP.NET, NodeJS, ExpressJS, MSSQL, MongoDB, PostgreSQL

**Tools and Technologies:** HTML5, CSS3, Bootstrap, JavaScript, ReactJS, NextJS, Github, Git, Docker

**Cloud and Data Science:** Python, Flask, R Programming, SQL, Tableau, Azure, DigitalOcean

**Mobile Development:** Objective C, Swift 5, Xcode 13, RxSwift, RxCocoa