

Tommy Ngo

SOFTWARE ENGINEER

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Education

Conestoga College

Waterloo, Ontario

ADVANCED COLLEGE DIPLOMA IN SOFTWARE ENGINEERING TECHNOLOGY (2ND YEAR)

2019 - 2023

- 3.65 GPA

Programming Skills

Languages C# · C++ · C · SQL · Javascript · HTML · CSS · PHP

Tools/Technologies Visual Studio .NET · MySQL · Node.js · Express · jQuery · Tailwind · Git · Azure DevOps

Projects

Find Weather 🌤️

JAVASCRIPT, NODE.JS, EXPRESS.JS, TAILWIND CSS

- Developed a responsive web application that allow users to discover the weather forecast of a desired location using **Node.js**
- Created RESTful API endpoints for HTTP requests to access and use data between pages using **Express.js**
- Reduced initial load times by creating HTML templates for static and dynamic rendering of pages using **Handlebars.js**
- Obtained location specific forecast information with user geocode data by handling HTTP Requests with **MapBox/WeatherStack API** using **Axios.js**
- UI/UX fully styled and designed using **Tailwind CSS**

TMS Order System 📦

C#, .NET FRAMEWORK, SQL, XAML

- Developed a WPF application that acts as an order management system with 3 levels of user permissions using **.NET Framework**
- Interfaces with a **MySQL database** by querying and updating order information via **MySQL Connector/NET/API**
- Developed through a **4-person group project** managed through **Azure DevOps**
- **UI/UX** styled with **Materialize** design components using **XAML**

Legends Chat Server 🗨️

C#, .NET FRAMEWORK, XAML

- Developed a WPF application created with **.NET Framework** that is used as a client-server chat service allowing users to send messages to each other between two or more computers
- Uses **TCP/IP sockets** for the inter-process communication protocol to facilitate server-side processing for chat messages
- Uses a **WPF solution** for the client programs and **Windows service** for the chat server using **C#**
- Uses **multi-threaded listening** to allow multiple users to connect to the chat server

Speculate 🎲

C#, ASP.NET, HTML, CSS

- Developed a simple yet effective web game application based on the game Hi-Lo and was created to showcase **client/server** side capabilities with **ASP.NET**
- **UI/UX** pages styled and designed using standard **HTML** and **CSS**

Experience

Lang's Medical Pharmacy

Cambridge, Ontario

DELIVERY DRIVER

November 2019 - PRESENT

- Deliver and transport medication and medical supplies to patient home's, senior centers and pharmacies
- Manage inventory, the compilation of prescription orders, and maintenance of accurate delivery logs
- Ensuring delivery vehicle is maintained, clean, and organized

AGS Automotive Systems

Cambridge, Ontario

QUALITY CONTROL INSPECTOR

April 2019 - August 2019

- Perform regular quality assessments on all incoming materials from assembly line
- Read blueprints, plans, and specifications to understand the requirements of product
- Measure product dimensions, examine functionality and compare the final product to the specifications
- Recommended improvements to the production process to ensure quality control