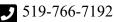
# TYLER FRETZ





tylerfretz.me



/tylerFretz

in /tylerfretz

## **EDUCATION**

## Lakehead University

Graduating Dec. 2023

Honours Bachelor of Science in Computer Science – Current GPA: 3.87

Georgian College

Sept. 2019 - Aug. 2021

Computer Programmer Diploma – Cumulative GPA: 4.0

### WORK EXPERIENCE

## Melv.ai **Software Engineer Intern**

June 2022 – Dec. 2022

Montreal, QC

- Developed APIs in ASP.NET and Python Flask to support CRUD operations and provide solid data communication from a PostgreSQL database
- Discovered inefficiencies in data fetching and implemented changes which resulted in a reduction of Total Blocking Time by 300%
- Led a team of 3 during the development of an MVP app for a prospective client which resulted in the successful closing of a major contract with them
- Owned the entire lifecycle of a project for a new client, ensuring all deliverables were met by engaging in continuous communication with external stakeholders

## **Bayview Wildwood Resort Bartender**

June 2016 - Present

Muskoka, ON

- Excelled at working in a fast-paced environment that demanded strong multi-tasking skills and effective co-ordination with team members
- Led successful teams in restaurants of various styles and sizes with a focus on accountability and open communication, resulting in low staff turnover and high customer retention

#### **PROJECTS**

## Recipes Web App | MongoDB, Express, React, Node.js

source | demo

- Full stack web app to simplify finding, saving, and sharing recipes
- Developed automated deployments using CI/CD with integrated Jest unit testing to enable faster and more portable deployments

## **Sorting Algorithms Visualizer** | *React, Redux, Node.js*

source | demo

- Provides a deeper understanding of common sorting algorithms by allowing users to pause and step through each iteration of the algorithm
- Employed a heavily customized Material UI component library to create a responsive, accessible, and consistent user interface

#### **TECHNICAL SKILLS**

Languages: C#, Java, SQL, Typescript, JavaScript, HTML, CSS

Frameworks/Libraries: Vue.js, React, Redux, React Native, Express, .NET, Jest, Cypress Developer Tools: Git, Jira, Azure DevOps, Visual Studio, Docker Desktop, Postman