

## WORK EXPERIENCE

*Jun 2022 - Ongoing*

### Backend Developer (Tech Consultant) | Avanade

200 Wellington St W, Toronto, ON

- Working directly with clients to consult and build technical solutions and applications to meet their business needs.
- .Net Developer, Health Insurance Portal.
  - Worked with Microsoft .NET framework, ASP.NET, C# and Angular.JS to develop a dynamic insurance web portal.
  - Created CRUD methods in C# Controllers, managed and tested the methods using Microsoft SQL Server and Visual Studio.
- Java Spring Boot Backend Developer, Sorting Financial Documents.
  - Utilizing Azure Functions and Azure App Services to create microservices to perform required functionality to sort Financial Documentation.
- Data Analysis: Creating Dashboards for Company's Internal Lunch and Learn program.
  - Utilizing PowerBI Desktop and PowerBI Online to analyze the performance of the company's Lunch and Learn program in a Dashboard and Excel Spread.

*Mar 2022 - May 2022*

### Business Analyst | Walmart.ca

1940 Argentia Road, Mississauga, ON

- Performed AB testing on site design and layout to identify performance and effectiveness.
- Created Web KPIs to measure the website performance through traffic data (Adobe Analytics) and UI data (Content Square).
- Created spreadsheets for reporting and using statistics based evidence to propose UI recommendations.
  - Utilized Excel for the reporting and Adobe Analytics for the data visualization and dashboarding.

*Oct 2021- Feb 2022*

### Data Analyst | South Granville BIA

1501 W Broadway, Vancouver, BC

- Designed a relational database to store information on BIA members and partners.
- Created an interactive dashboard on Google Sheets utilizing Mailchimp API, Google API and Google Queries (SQL) for Google Sheets automation.
- Utilized SQL to support the team with data retrieval and gathering information.

*Feb 2021 - Jun 2021*

### Data Analyst | DarkByte Research

Toronto, ON (Remote)

- Interpreted data collected from their app to calculate KPI and discover areas of improvement on their app.
- Identified a potential threshold for app notifications to maximize user engagement.
- Advised on methods of AB testing to test the findings.
- Created a Dashboard on Tableau to display information and findings for stakeholders.
- Tableau Dashboard Sample Here: [NodeAppDASH | Tableau Public](#)

## LANGUAGES/ SOFTWARE

Microsoft Excel, **SQL** (Microsoft SQL Server, MySQL), **Python** (Pandas), **R**, Java (Spring Boot, JPA Hibernate), JavaScript (React.js, Node.js), C# (.Net), **PowerBI**, **Tableau**, Adobe Photoshop, Adobe Illustrator, **Microsoft Azure**

## CERTIFICATIONS

Microsoft Certified: Azure Developer Associate – *Microsoft (March 2023)*

Disciplined Agile Scrum Master (DASM) – *Project Management Institute (Feb 2023)*

## EDUCATION

Bachelor of Art, Honours Economics Econometric Specialization

*Computing Minor, Cognitive Science Minor*

*University of Waterloo 2022*

## PROJECTS

### [Modeling Rider Counts \(2022\):](#)

This project looks at daily bike ride data and applies the principal components machine learning method to identify clusters. Clusters identified include riders with no transportation (who are more likely to use a bike during colder temperatures), seasonal riders (those that use bikes during the school year but not the summer) and working riders (those who use the bikes to get to work or school and do not need the bike during the holidays).

*Language used: R*

### [Billboard Top 10 Database \(2020\):](#)

This database consists of information on Songs that charted on the Billboard Top 10 from year 2006 to 2019.

*Languages used: SQL and Relational Database Design*

### [Random Music Generator \(2022\):](#)

This project uses hash tables to store music theory and other relevant data, classes to create music objects for use in the creation of intervals and notes, and an algorithm to generate new beats. This project was first written in Python and then modified into JavaScript. The Python version can be found on my GitHub. (There are major changes in functionality between the two.)

*Languages used: JavaScript, HTML, CSS, Python*

## OTHER EXPERIENCE

### [AI HEALTH CHAT BOTS:](#)

Mentoring two teams of students from the University of Waterloo to help them utilize Azure and Open AI to create an implementation plan for an AI Health Chat Bot that helps with providing potential diagnosis and other chatting experience.

### [Open AI Hackathon:](#)

The goal of the AI Hackathon was to utilize Azure Open AI to create a solution and my team chose to create an automated git commit message generator that utilized open ai gpt-3.5 to summarize the code data to get an automated commit message.