

## EDUCATION

### University of Toronto

- Honours B.Sc. in Statistical Machine Learning 2021 (Expected)
- Relevant Courses:
  - Software Engineering
  - Design and Analysis of Data Structures
  - Software Tools and System Programming
  - Databases & Web Programming

## LANGUAGES

- C# (4 years)
- Python (3 years)
- Java (3 years)
- C (2 years)
- HTML and CSS (2 years)
- JavaScript (2 years)
- SQL/MySQL/NoSQL (2 years)
- Swift (1 year)
- Visual Basic (3 years)

## TECHNOLOGIES

- Git
- .NET Core MVC
- Angular
- LINQ
- .NET Entity Framework
- Microsoft Bot Framework
- Node.js
- SVN
- Arduino
- Android Studio
- XCode

## EXPERIENCE

### Application Developer Co-op - Softchoice Sept 2019 – Dec 2019

- Migrated legacy service to Microsoft Azure cloud service used to handle hundreds of sales quotes and SoW daily using **Azure Function Apps, C#, LINQ, .NET Entity Framework** and **MongoDB**
- Designed responsive UI and backend for internal portal used to track customer subscription reports through RESTful API endpoints using **Angular, .NET Core, SQL, Bootstrap** and **CSS**
- Developed chatbot for Microsoft Teams with features such as general QnA, managing SAP HR requests and managing IT service tickets using **Microsoft Bot Framework** and **LUIS AI**

### STEM Instructor – RoboEdu Education Group Dec 2019 – Present

- Delivered STEM-oriented instructions through project-based learning methods using coding challenges, **LEGO WeDo** and **Vex EDR** projects
- Instructed students on basic concepts of computer science such as arrays, objects and classes using **Java**
- Researched and developed new course material while maintaining proper documentation for other course instructors

### CS Final Project Evaluator Dec 2017 – Dec 2019

- Assisted former high school Computer Science teacher with marking **C#** and **Unity** final projects along with 2 other students to demonstrate teamwork and communication
- Evaluated projects based on design, efficiency of code, and style of the project and gave critique to the students to improve their projects

## PROJECTS

### Spotifacts <https://github.com/Tengokuken/Spotifacts>

*Displays listening details, recommended tracks and other features using Spotify's API*

- Offers service to many users by creating web application using **.NET Core** and **Razor Pages** using a **RubyOnRails** and **PHP** server for authentication with Spotify's API service

### Digital Finance Institute FinTech ChatBot [youtu.be/lb6Rp301H8Q](https://youtu.be/lb6Rp301H8Q)

*Prototype for Canada's 1st ChatBot with encyclopedic knowledge of FinTech & AI, created using IBM & DFI tools*

- Implemented user message parser, frontend to backend communication APIs, corpus indexing system for the bot backend with **Java, JavaScript AJAX**, and **Apache Lucene**
- Created the interface and backend for admin controls such as maintaining uploaded corpus files and viewing bot statistics using **Flask** and **SQLite**