

Technical Skills

Programming	Java • Python • C • JavaScript
Web & Database	HTML • CSS • MySQL • SQL Server
Frameworks	ReactJS • ASP.NET Core MVC • Entity Framework • Flutter
Tech	Git • Unix • VSCode • LaTeX • Docker • Android Studio • Jupyter Notebooks

Projects

Gigabyte Customer Support Chat Bot (Back End) Oct. 2023 – Dec. 2023

- Collaborated with a group of 4 members to train a specialized large language model using NLP
- Researched and implemented emerging NLP concepts such as **QLoRA** fine-tuning in **Python**
- Developed a workflow of scripts for easily fine-tuning & quantizing LLMs using different datasets

Health & Fitness App (Full Stack) Sep. 2021 - Dec. 2021

- Led a team of 5, organizing meetings, delegating tasks, and working together with git to create a health & fitness app in Android Studio using **Flutter & Firebase**
- Utilized key software engineering concepts to model the app (use case modeling, domain analysis, class & UML model)
- Implemented a login system to allow **CRUD** operations on the user list and user validation

Command Line Commands REST API (Back End) Nov. 2021

- Built a **REST API** to help catalog different useful CLI commands
- Used **EF Core O/RM** (DbContext), Migrations, DTOs, SQL Server for data storing & access
- Implemented Repository & Dependency Injection design patterns to encapsulate data
- Created **CRUD** API endpoints and tested them with Postman
- Generated documentation with Swagger & OpenAPI
- Other Tools Used: **ASP.NET Core, MVC, C#**

Education

Bachelor of Science: Computing Science, GPA 3.63 Sep 2019 – Dec 2023

University of the Fraser Valley

- Relevant courses include: Object Oriented Programming, Data Structures & Algorithms, Intro to Machine Architecture, Databases & DB Management Systems, Malicious Software & Attack Prevention, Operating Systems, Software Engineering, Functional & Logic Programming, Natural Language Processing

Academic Achievements & Awards

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| • Dean's List (recognition for high academic standard, minimum 3.67 GPA) | 2020-2023 |
| • Outstanding Junior Award – Business Education Program | 2018 |
| • B.C. Youth Philanthropy Initiative Winner (\$5000 grant for local charity) | 2017 |