Truc Quynh Dang, Software Engineer

Montréal, Canada, +1 (438) 337-5346, dtrquynhey@gmail.com

LINKS

[GitHub](), [LinkedIn](), [Portfolio](), [Mail]()

PROFILE

Enthusiastic and adept software engineering student eager to contribute leadership and commitment to forward-thinking projects.

EDUCATION

Aug 2021 — Present

DEC in Computer Science - Programming, LaSalle College

Montréal

- Data Structures
- Advanced Object-Oriented Programming
- Web Client Development & Web Server Applications Development
- Multiplatform Mobile Development
- Information System Analysis, Modeling, and Implementation
- Databases

TECHNICAL SKILLS

Programming Languages, Frameworks & Libraries: C/C++, C# (.NET), Python (Django), Java (Spring), Swift (UIKit), HTML & CSS (Bootstrap), JavaScript (Node.js), React (Native), Angular, Go.

Database & API: Microsoft SQL Server, Oracle, Firebase, MongoDB, SQLite, API Integration, Postman.

Methodologies & DevOps: SDLC, Agile/Scrum, MVC design patterns, Git, Docker & Containerization, Cloud Services.

IDEs & Tools: MS Visual Studio, VS Code, MS Azure, Android Studio, Xcode, IntelliJ IDEA, Eclipse, PyCharm, Figma, ClickUp, Lucidchart, Mermaid, Visual Paradigm, GitHub.

Others: OOP concept, UML, Authentication & Authorization, Performance Optimization, Security, Unit Tests, Deployment Pipeline.

SOFT SKILLS

Leadership	Multitasking
Collaboration & Teamwork	Effective Communication
Self-Motivation & Initiative	Problem-Solving & Innovative

PROJECTS

Nov 2023 — Present

SuperHoodCleaning

- Developing an Android management application for a real hood cleaning company using Java, projected to enhance staff efficiency by 20% and customer satisfaction by 15% upon completion.
- Implementing streamlined staff and customer management to reduce administrative tasks by 25%.
- Ensuring scalability to accommodate the company's anticipated growth in customer base.

Apr 2023 — May 2023

BibCreator

- Developed a Java tool for efficient bibliography management, ensuring precise reference formatting for IEEE, ACM, and Nature Journal styles.
- Processed over 500 LaTeX (.bib) academic records and achieved a 20% reduction in formatting time compared to manual methods.
- Demonstrated expertise in file & exception handling and data processing.

Aug 2022 — Oct 2022

ElectronicTelethonSystem

- Spearheaded the development of an object-oriented software system for tracking donations, donors, sponsors, and prizes during telethons.
- Implemented OOP in C# for a user-friendly Windows Forms interface, and database integration, improving software functionality, maintainability, and user interaction.

LANGUAGES

Vietnamese	French
English	