Montréal, Canada

+1 (438) 337-5346 · trquynh.dang@gmail.com

Truc Quynh Dang, Software Engineer

Detail-oriented back-end developer dedicated to delivering high-quality results and contributing to company success through problem-solving and adaptability.

Links

GitHub   LinkedIn

Portfolio   Mail

Education

DEC in Computer Science Programming, LaSalle College, Montréal

August 2021 — Present

Algorithms and Programming, Advanced Object-oriented Programming, Data Structures, Database I & II, Web Server Application Development I & II, Information System Analysis and Modeling, and Multi-tier Application Development.

Technical Skills

Programming Languages and Frameworks

C# (ASP.NET), Python (Django), Java (Spring), JavaScript, Node.js, Swift, HTML & CSS

Database Management

SQL Server, Oracle, MySQL, Firebase, MongoDB, SQLite, MariaDB

DevOps and Tools

Git and Version Control, Docker and Containerization, AWS, Azure, Cloud Services, ClickUp, Figma

Methodologies and Project Management

Agile Methodology, Scrum Framework

IDEs

MS Visual Studio, Eclipse, IntelliJ IDEA, Visual Studio Code, PyCharm, Xcode, Android Studio

Soft Skills

Leadership   **Communication**

Teamwork   **Flexibility**

Problem Analysis   **Problem Solving**

Self Management   **Attention to Detail**

Academic Projects

Electronic Telethon Systems (ETS), Donation Tracking Software

October 2022

- Objective: An object-oriented software system for efficiently tracking donations, donors, sponsors, and prizes during telethons.
- Tools/Technologies: C#, Windows Forms for UI, Object-Oriented Programming Concepts, Code Encapsulation, Event handling and Event-driven programming, Error handling and Debugging, and Database integration.

BibCreator

April 2023

- Object: A Java tool with robust exception handling, efficient data processing, and precise reference formatting for converting LaTeX (.bib) academic records into IEEE, ACM, and Nature Journal styles.
- Tools/Technologies: Java, Git, LaTeX (.bib format), Exception handling, Data processing, UI design, File Handling, Formatting Standards.

News Outlet

May 2023

- Objective: A feature-rich news outlet software with advanced search, efficient memory management, and diverse data structures for news content management from a JSON file.
- Tools/Technologies: C#, Git, Data Structures (Stack, Queue, List/Array, HashMaps), JSON.NET, Data Serialization, Algorithms, Disk I/O Handling, Command-Line Parsing Libraries. Error Handling and Debugging Tools.

Languages

Vietnamese Native speaker   **English** Highly proficient

French Very good command