

Truc Quynh Dang, Software Developer

Enthusiastic about object-oriented programming, with specialized skills in Java and C#, excelling in problem-solving, meticulous attention to detail, and unwavering commitment. Eager to contribute to innovative projects.

Education

DEC in Computer Science Technology - Programming, LaSalle College, Montréal

August 2021 — Present

• Coursework:

- Advanced Object-Oriented Programming
- Web Client Development & Web Server Applications Development
- Multiplatform Mobile Development
- Information System Analysis, Modelling, and Implementation

• Honors: Representative for Computer Science department at the Graduation GALA

• Involvement: Secretary of Student Association, Innovators in Technology Club

Tech Skills

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

Database & API Integration: Microsoft SQL Server, Oracle, Firebase, MySQL, MongoDB, SQLite, Postman (API Testing)

Methodologies & DevOps: Software Development Life Cycle (SDLC), Agile/Scrum, MVC design patterns, Version Control (Git), Docker & Containerization, Cloud Services

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

Others Skills: Unified Modeling Language (UML), Authentication & Authorization, Performance Optimization (Big O Notation), Security, Unit Tests, Test-Driven Development (TDD), Deployment Pipeline

Soft Skills

Leadership

Collaboration & Teamwork

Adaptability

Effective Communication

Problem-Solving & Innovative

Time Management & Prioritization

Projects

Codenames

February 2024 — Present

- Currently directing the development of a **Java** desktop game utilizing Swing GUI, implementing **MVC** architecture, and leveraging **UML** for design clarity, while adhering to **TDD** practices.
- Demonstrating proficiency in object-oriented design by crafting modular and scalable code components, ensuring the application's maintainability and extensibility.
- Actively participating in an **Agile** team, contributing to sprint planning, code reviews, and fostering iterative enhancements.

SuperHoodCleaning

November 2023 — Present

- 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.

EduHub

August 2023 — November 2023

- Spearheaded the development of EduHub, an educational web platform, leveraging **ASP.NET Core** for robustness and scalability, and employing **OOP** principles for modular and maintainable code.
- Utilized **C#** expertise to implement core functionalities, emphasizing user engagement and content management, and integrated ASP.NET Identity for secure user authentication and access control.
- Improved UI responsiveness with AJAX and Razor Views, resulting in enhanced interaction and retention.

BibCreator

April 2023 — May 2023

- 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.

Languages

Vietnamese

French

English