

Tommy Ju

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EDUCATION

Computer Systems Technology Diploma

Sept 2023 - May 2025

British Columbia Institute of Technology

GPA: 89%

Bachelor of Science

Sept 2020 - Feb 2022

University of British Columbia

SKILLS

Languages: C#, C++, C, Java, Python, SQL, Kotlin, HTML, CSS, JavaScript, TypeScript

Frameworks & Platforms: .NET, Jakarta EE, Node.js, React, React Native,

Databases: MySQL, SQLite, MongoDB

Tools & Technologies: Git, Bash, Docker, Kubernetes, Azure, Entity Framework, Hibernate, Figma

Development Practices: Agile, Unit Testing, RESTful APIs, MVC Architecture, Technical Documentation

PROJECTS

Side Quests - AI-powered activity discovery app.

Present

C#, .NET, Entity Framework, SQLite, Blazor Server, Azure, AI with Semantic Kernel

- Built a full-stack web application, showcasing proficiency in C# and the .NET platform.
- Utilized Entity Framework for Object Relational Mapping (ORM), demonstrating a code-first database approach.
- Integrated AI with Semantic Kernel to produce location-based activity suggestions.

SNEWS Android App - Real-time mobile alert system for supernova events.

May 2025

React Native, Kotlin, Node.js, Kafka, Firebase (FCM), Azure

- Communicated professionally with the client to gather requirements and manage the scope of the project.
- Leveraged an understanding of the entire tech stack to integrate the back-end with the new user interface.
- Created effective technical documentation for deploying and maintaining the system.

Time Master - Enterprise-grade employee time sheet application.

Apr 2025

Java, Jakarta EE, Hibernate, Quarkus, MySQL, RESTful APIs, Kubernetes

- Collaborated with a team of 12 to deliver software using the Unified Development Process, emphasizing communication, risk management, and flexibility.
- Developed RESTful APIs to handle time entries, role-based access control, and reporting using Jakarta EE and Quarkus.

WORK EXPERIENCE

Woking Dragon - Line Cook & Delivery Driver

Apr 2021 - Jul 2023

- Maximized efficiency by streamlining routine tasks for faster, smoother workflows.
- Developed teamwork skills to ensure cohesion and high-quality service in a fast-paced environment.
- Delivered orders efficiently and maintained a professional, customer-focused approach.