YECHENG WANG

www.yechengwang.ca

+1 (778) 636-7881 | Burnaby, BC | ywa415@sfu.ca | www.linkedin.com/in/yecheng-wang/ | https://github.com/Vancarii

Education

Simon Fraser University   **Sept 2022 – 2026**
Bachelor of Science in Computing Science, Minor in Cognitive Science   *Burnaby, BC*
- Deans Honour Roll (Fall 2024)

Skills

Languages: C, C++, Python, HTML/CSS, JavaScript, Typescript, Swift, Dart, .NET MAUI
Dev Tools: Git, GitHub, VS Code, PyCharm, Xcode, Jupyter Notebook, Android Studio
Technologies/Frameworks: React, Node.js, Next.js, Tailwind CSS, Firebase, Flutter, SwiftUI, SQLite
Transferable Skills: Time Management, Verbal & Written Communication, Multi-Discipline Team Collaboration

Work Experience

Mobile Application Developer Co-op   **May 2025 – Present**
Biointeractive Technologies Inc (Tenzr Health)   *Vancouver, BC*
- Developed and enhanced cross-platform mobile applications using .NET MAUI and REST APIs, contributing to a **20% improvement** in feature deployment speed such as new releases of real-time gamified rehabilitation exercises
- Applied MVVM architecture and clean code principles in Agile sprints, increasing code maintainability and test coverage
- Collaborated with design, backend, and QA teams to deliver UI/UX-compliant mobile features for iOS and Android
- Streamlined workflows by integrating GitHub Projects and CI/CD pipelines, **reducing release cycle time by 25%**

AI Coding Instructor   **Jan – April 2025**
Summit Middle School (SD43)   *Coquitlam, BC*
- Crafted lesson plans centered around real-world applications of **Artificial Intelligence** for middle school students
- Introduced **search algorithms** including BFS, DFS, Dikjstra, and A* search, as well as simple **neural networks**
- Engaged students by teaching collaborative **Python** and **Pygame** game development with **CodeHS** and **Trinket**

Projects

Metro Vancouver 9-1-1 Report System | *React, Next.js, Tailwind CSS, Git, Shadcn*
https://github.com/ryotakc/cmpt272-project
- Led a **cross-functional team** in developing an interactive web application to report and manage live emergencies
- Utilized GitHub version control and Pull Requests to **accelerate development cycles by 50%**
- Mastered project architecture and adopted modern tools such as Shadcn, Leaflet, and Tailwind CSS Framework

Molu Finance Swift Application | *MVVM, Swift, SwiftUI, Xcode, Git, Firebase Auth, Firestore*
https://github.com/Vancarii/Molu
- Built a responsive **iOS application** enabling users to finance second-hand products through incremental payments
- Leveraged **SwiftUI** Framework to design and integrate intuitive, responsive native **iOS** workflows and functionalities
- Integrated Firebase Authentication and Firestore Database for efficient user verification and user messaging

Front-End Web Developer | *HTML, CSS, DNS Servers*
www.whistlerbubbletea.ca
- Revamped the store website to meet client specifications, resulting in an **80% boost in customer engagement**
- **Increased site traffic by over 30%** by optimizing the store's social media, Facebook, and Yelp profiles
- Facilitated client communication through regular in-person meetings to align goals, designs, and deadlines

Volunteer / Leadership

SFU Tennis Varsity Team
Most Valuable Player
- Victoria Junior Open Champion in both singles and doubles categories

North Shore Mountain Bike Association
Volunteer Trail Builder
- Attended summer trail days and worked as a team to maintain and build sustainable trails for the community