

William Zhang

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EDUCATION

- **The University of British Columbia** Vancouver, BC
Bachelor of Commerce, Combined Major in Business and Computer Science; GPA: 86% Sep. 2019 - Present

EXPERIENCE

- **Zennea Technologies** Vancouver, BC
Android Developer Intern Jan 2021 - Aug 2021
 - **Login:** User login service. Includes features such as login and signup, verification email implementation, and password reset service. Also utilized Firebase to facilitate user authentication and API integration for 3rd party login authentication (i.e. Facebook and Google sign-in).
 - **Profile:** Created a profile system where user's can setup their individual user profiles with their physical characteristics. Back-end done using Firestore as a database for user information.
 - **Device Connection:** Worked with Android Bluetooth Low Energy (BLE) technology to facilitate device connection with Zennea's wearable device. Features included connect/disconnect options alongside multi-device pairing and reading and writing to the device characteristics (battery level, therapy level, etc.)
- **Hillhouse Education** Vancouver, BC
Academic Tutor Jun 2020 - Present
 - Provided tutoring for students from ages 7-18 in various subjects including basic programming in Java
 - Responsible for planning lessons, teaching, and going through exams
 - Improved communication, patience, and problem-solving skills from teaching students of various ages and learning speeds

PROJECTS

- **Mappetite:** Uses Twitter API to scrape live tweets in order to find new restaurants. Integrated franc to auto-detect languages for users to easily navigate tweets as well as node-notifier to send live notifications to users.
- **Personality Pokédex:** Designed and created a Java desktop application based on the Myers-Briggs Type Indicator test. This program let users take a test to take a MBTI test and matches them with a corresponding Pokémon.
- **Bank Account Manager:** Developed a bank account manager with features such as managing different account balances, viewing progress towards purchases, and printing account summaries.

EXTRACURRICULARS

- **BizHacks 2020** Vancouver, BC
8th/54 Teams, Finalist Jan 2020
 - Worked in a team of 5 to prototype and present a line queuing application to Best Buy in a 30hr hackathon, making it to the final round
- **National Strategy and Consulting Competition (NSCC 2020)** Vancouver, BC
12th/60 Teams, Finalist Nov 2020
 - Created an InVision prototype as part of a case presentation to IBM as a group of 4
- **Royal Canadian Air Cadets** Richmond, BC
Warrant Officer Second Class Sep 2013 - Aug 2019
 - Awarded Lord Strathcona Medal for Fitness and Military Familiarization
 - Achieved 2nd highest rank in program, attended both pilot scholarship programs: Glider Pilot (2017) and Power Pilot (2018)
 - Selected for International Air Cadet Exchange Program to Australia (2019)

PROGRAMMING SKILLS

- **Languages:** Kotlin, Java, Javascript
- **Technologies:** Android Studio, Firebase, React, Figma