

# William Zhang

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## EDUCATION

### University of British Columbia

Year 4 Computer Science & Business (BUCS), Bachelor of Commerce

- GPA: 85%, Dean's Honour Roll

Vancouver, BC

Expected May 2024

## EXPERIENCE

### Deloitte

May 2022 – September 2022

Risk Advisory Analyst Intern

Vancouver, BC

- **Risk:** Consulted with clients to help them identify, manage, and respond to brand, financial, and catastrophic risks that could undermine their competitive position and jeopardize their critical assets, reputation, or financial health
- **Strategy:** Assisted clients with defining and implementing strategies to manage their attack surface focusing on the continuous discovery, inventory, classification, and monitoring of an organization's IT infrastructure
- **Industries:** Conducted engagements for both public and private clients spanning industries such as software, telecommunications, real estate, and mining.

### Zennea Technologies

January 2021 – August 2021

Android Engineer Intern

Vancouver, BC

- **Design:** Helped create layout and flow design documents with lead engineer for other developer interns to follow
- **Front-End:** Created front-end app layouts for all systems (login, profile, device connection, and therapy) with Kotlin in Android Studio using reusable components, following SOLID object-oriented (OOP) principles
- **Back-End:** Implemented Firebase for user authentication services, managing user data, and sending notifications
- **Other:** Leveraged 3rd party APIs for login flow (Facebook, Google), configured Bluetooth Low Energy (BLE) technology to facilitate device connection with Zennea's wearable device, presented app demos to company

### Hillhouse Education

June 2020 – March 2021

Academic Tutor

Vancouver, BC

- **Time management:** prepared lessons and learning materials ahead of time, ensured students stay on task and all material is covered during the session and that students are adequately prepared by their exam date
- **Communication:** adjusted teaching style to accommodate for all ages, English proficiencies, and learning speeds

## PROJECTS & EXTRACURRICULARS ( VIEW MORE AT [WILLIAMZHANG.DEV](http://WILLIAMZHANG.DEV) )

### UBC BizTech Blueprint Conference Director

- **Leadership:** Spearheaded BizTech's flagship conference with 200+ students and professionals in attendance winning Conference of the Year at the CUS Awards Night
- **Teamwork:** Pitched conference to raise over \$5000 from sponsors, delegated tasks and worked with 30 person team to organize and deliver a keynote speaker, panel discussion, and 9 unique workshops over a two day conference

### Exchange Explorer | *JavaScript, React.js, RapidAPI, Travel Advisor API, Open Weather Map API*

- **Summary:** Travel advisor app for exchange to Denmark, features weather and places to visit based on location

### Gamble Stock Dashboard | *Python, Streamlit, Interactive Brokers API, Twitter API*

- **Summary:** Multi-functional visual dashboard created using Python and Streamlit for clean data visualization
- **Data Visualization:** Displays Tweets about stocks from popular traders, mentions of a stock on StockTwits, Plotly candlestick chart of simple technical patterns, and recent mentions of stocks on WallStreetBets.

### Tempo Discord Bot | *JavaScript, Discord.js, FFmpeg*

- **Summary:** Discord music bot to replace Rhythm bot, built using Discord.js using FFmpeg for streaming

## TECHNICAL SKILLS

**Programming Languages:** Java, Kotlin, JavaScript, Python\*

**Tools & Frameworks:** Firebase, React(HTML/CSS)\*, Git, Agile, Linux

\*Currently learning