# Charles Paz

SOFTWARE DEVELOPER

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## SKILLS

- Computer Programming
- Excel / Numbers
- MS Office
- Technical Support
- Data Entry and Analysis

## EDUCATION

September 2020 – May 2022
**BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY**
**Computer Systems Technology Diploma, Programming Paradigms**
Object-Oriented Programming, Mobile Development, Applied and Discrete Mathematics, Algorithms Analysis and Design, Business Communication, Computers and the Law, Internet of Things

January 2024 – December 2025
**BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY**
**Bachelor of Science in Applied Computer Science, Network Security Applications Development**
Calculus for Computing, Network Security Administration, Project Management, Advanced Algorithms Analysis and Design, Linear Algebra, Artificial Intelligence

## INTERESTS

Music: Self-taught pianist, plays and sings at local church choir every week.

Video games: PC game enthusiast, livestreams gameplay to a small community on online platform Twitch.

## WORK EXPERIENCE

### Apple
October 2022 – Present
**OPERATIONS SPECIALIST**

Attention to Detail, Organization, Communication Skills, Teamwork, SAP

- Solves inventory variances by investigating detailed movement codes through SAP Retail with high attention to detail
- Coordinates with fellow team members to provide aid by communicating and checking in when they need support
- Liaise with various vendors to ensure proper building maintenance, ensuring delivery of clear, concise communication to meet store goals
- Communicates effectively with team members whenever significant changes are made to job workflow / process by creating and sending concise emails including any relevant information
- Utilizes tools such as SAP Retail to gather important information and data and incorporates critical thinking skills to perform relevant data analysis to maximize inventory accuracy

## PROJECTS

### EMA YVR Water Monitoring System
May 2021 – May 2022

**YVR International Airport +**
**BCIT CENTRE FOR APPLIED RESEARCH & INNOVATION**

JavaScript, React, AWS, SQL, CSS, Jira, Firebase Hosting + Functions

- Created a dynamic website dashboard to monitor YVR's water quality and levels as a group of 4 using ReactJS, resulting in 3 responsive pages
  - Awarded with 1st place prize in the BCIT Student Innovation Challenge Applied Research Category
  - Incorporated theoretical scientific data understanding with practical user integration principles to create a cohesive and highly-detailed results view page for scientific analysis of water quality
  - Exhibits strong teamwork and organization skills through splitting up work with teammates in a sensible manner that allows for seamless integration for the project completion
  - Created a comprehensive technical report detailing the programming and development process as well as all the tools and technologies utilized to fulfill the several project requirements

### Chat Messaging Server and Client
March– May 2022, January – April 2024

Elixir, Erlang, Java

- Programmed a chat messaging server and client using Elixir and Java, respectively, allowing for multiple users on different devices to be able to send messages to one another when connected to the same network
  - Demonstrated strong understanding of sockets and TCP communication to link different clients together on a LAN
  - Implemented Runnable threads in the Java client to allow for concurrent printing/receiving of messages from the Elixir server
  - Utilized port-forwarding to extend connection methods to external networks using the Internet