

# Andrew Joji

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## EDUCATION

### University of British Columbia

*Bachelor of Science, Computer Science*

Vancouver, CA

*Sep 2020 – Apr 2025*

- Relevant courses: Software Engineering | Artificial Intelligence | Intelligent Systems | Relational Databases

## EXPERIENCE

### Software Developer Extern

*Price Waterhouse Coopers*

Vancouver, CA

*Jan 2024 – Apr 2024*

- Managed an **agile** team of 8 developers, created a **full stack** scalable Health and Safety System hosted on **GCP**.
- Utilized **Firestore NoSQL** cloud database, **Cloud Run** serverless technology and **NextJS** framework.
- Collaborated with team members to integrate **generative AI** chatbot with **Vertex AI** for improved incident trend analysis, resulting in a 25% increase in query response efficiency.

### Programmer Analyst [↗](#)

*UBC Student Housing and Community Services*

Vancouver, CA

*Jan 2023 – Aug 2023*

- Converted **JNLP** apps to web-based platforms using **PHP (Yii2)**, **JavaScript**, **jQuery**, **SSRS**, and **SQL**, resulting in a 30% increase in accessibility and functionality metrics
- Developed a **RESTful API** to seamlessly integrate student information and bookstore systems, ensuring backward compatibility and passing rigorous testing with **Postman**
- Managed **VDI** migration for over 20 desktops, reducing maintenance needs by 50% and decreasing high-level support requests by 40% through improved stakeholder communication - leveraging clear documentation on **Confluence**.

## BUSINESS

### itsWorthIt [↗](#)

*Founder & Operator*

Vancouver, CA

*Mar 2024 – Present*

- Operate an online reselling business focusing on vintage digital media and video games.
- Currently designing **automation tools** for resellers to enhance operational efficiency.
- Maintain 100% customer satisfaction with over 300 successful sales, having generated over \$20,000 in revenue.
- Recognized as a Top-Rated Seller on eBay, demonstrating consistent excellence in customer service and reliability.

## PROJECTS

### Solo Explorer

*May 2024 - Present*

- Engineered a web app for streamlined trip planning and visualization, optimizing trip planning.
- Integrated **Google Places** and **Routes API**, enhancing location search and route optimization features.
- Deployed the application using **Render**.

### Car Share Compare

*Jan 2024 - Feb 2024*

- Developed a full-stack app using **TypeScript** for car share trip planning and budgeting.
- Used **React** to create a dynamic and user-friendly interface, featuring a real-time budget calculator.
- Engineered and tested **API endpoints** using **Postman**, with **JSON** for persistent data storage.

## LEADERSHIP & COMMUNITY SERVICE

### UBC Residence Hall Association

*Vice President of Finance and Administration [↗](#)*

Vancouver, CA

*Jan 2023 - Present*

- Directed and produced a [documentary \[↗\]\(#\)](#) to recognize service workers in UBC Residence.
- Pitched a documentary at the [PACURH 2023 \[↗\]\(#\)](#) regional leadership conference, attended by 200+ student leaders.
- Managing a budget of over \$150,000, overseeing community engagement and financial operations.

## TECHINICAL SKILLS

**Languages:** TypeScript, JavaScript, Java, Python, SQL, HTML, CSS, C

**Tools:** React, Git, JUnit, jQuery, Amazon AWS (S3, EC2, Lambda), GCP, Firestore, Vertex AI