

AKIRA TONG

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EDUCATION

2021 - 2025 • University of British Columbia / BCom (BUCS) / 4.33/4.33

Undergraduate in the BUCS (Business and Computer Science) Program

Relevant Coursework: Models of Computation (98%), Computation, Programs, and Programming (96%)

2019 - 2021 • University Transition Program / Dogwood Diploma with Honours

An academically-accelerated program for early entrance to UBC

SKILLS

Languages/frameworks: Python, Java, HTML, CSS (TailwindCSS), Javascript (React.js, Next.js), React Native

Tools: Figma, GitHub, MongoDB, Firebase, QtCreator, Adobe InDesign, TestFlight

EXPERIENCE

Google Software Product Sprint

May 2022 - Sep 2022

Participant

- Implemented real-time commenting and page view function using **Java servlets** and **Google Cloud**

Datastore

- Completed design and code of a responsive web app for comparing prices of shopping list items using the **Kroger API** using **HTML/CSS/Javascript**
- Utilized **Next.js** to achieve in-line real-time table updates without page refreshing for comparing prices of multiple items
- Used Google Cloud Datastore API to store and send user webpage inputs to the back-end Java Servlets

UBC Blockchain Club

Mar 2022 - Present

Software Developer

- Refactored responsive landing page using **Next.js** and **TailwindCSS** for more interaction, leading to a 150% increase in website visitors
- Implemented the **iFrame API** to deploy a feature to embed event recordings on the club website

UBC Product Management Club

Dec 2021 - Apr 2022

Product Sprint Coordinator

- Conducted **5 interviews** and received **over 50 form responses** from past event participants to gain insight into participant preferences
- Hosted workshops for **over 70 participants** and fostered an interactive learn-by-doing environment
- Communicated with event mentors in advance to ensure the smooth running of workshops, leading to a **100% attendee satisfaction rate**

PROJECTS

Instagram Clone

- Used **React Native**, **Firebase**, and **Node.js** to build an android social media application with Instagram UI
- Implemented login/logout, posting through camera/gallery, search, follow, and real-time like/commenting functions

To-do Task Tracker

- Used **React.js**, **JSON Server**, and **TailwindCSS** to build a to-do list web application where users can add and delete tasks in real-time on the server, set deadlines, and toggle reminders.
- Tasks can be updated in real-time using **React Hooks**, dynamically fetched data on the JSON server

Grocery Hero

- Used **Java Servlets**, with the **Kroger/Google Datastore** APIs, to build a program where users can enter their shopping lists and the program will output the shop with the lowest total cost.
- Achieved in-line real-time table update using **Javascript** and **Next.js** to update list without refreshing page