




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EDUCATION

- **University of British Columbia** **GPA: 4.0**
Combined Major in Business and Computer Science *Anticipated Graduation : 2023*
 - **Courses:** Systematic Program Design - 100%, Models of Computation - 100%, Software Construction - 98%, Data Structures & Algorithms - 96%, Operating Systems - Ongoing.
 - **Awards:** Dean's Honour Roll, Trek Excellence Scholarship (top 5%).





SKILLS

- **Languages:** JavaScript, TypeScript, Java, Python, C++, HTML/CSS.
- **Frameworks and Tools:** Node.js, Express, MongoDB, React, GraphQL, Next.js, Flask, Git, Jest, Docker, PostgreSQL.

EXPERIENCE

- **Luscinia Enterprises**  Vancouver, BC
Full-Stack Engineer (Part-Time) *Dec 2020 - Current*
 - Completed coding of Hiring Service prototype **50% ahead of schedule**, leveraging Next.js to support serverless functionalities.
 - **Developed a REST API with Flask (Python)** to parse user metrics and dynamically respond with personalized learning resources.
 - Implemented rapid lesson creation functionality in **MongoDB** and **reduced API latency by 40% using Redis** in memory cache.
 - **Collaborated in a team of 3** to create client web portals for students and teachers using **React**.

PROJECTS

- **Reddit Clone**  *Jul 2021*
 - Successfully replicated Reddit using a **Typescript, Node.js, PostgreSQL, and GraphQL** backend, supported by a **Next.js** frontend with modular React hooks.
 - Designed **custom caching** to implement responsive GraphQL mutations and seamless pagination.
 - Supported **server-side rendering** using NextJS and streamlined deployment onto Heroku using **Docker images**.
 - Leveraged Redis to implement authentication using **session tokens** and forgot password tokens.
- **LiveliHood**  *Jan 2021*
 - Developed a web app that allows users to help neighbours who are more vulnerable to COVID by completing tasks such as shopping in populated grocery stores.
 - Created a **REST API with Node.js** to manage personalized tasks for each user using **JWT** for authentication and **MongoDB** for persistent data store.
 - Built an interactive UI using **React** and integrated the Google Maps API to visualize locations of tasks.
 - **Automated the test pipeline by leveraging Jest and Supertest** to ensure a flawless production deployment.
- **Visual Speech**  *Jan 2021*
 - Created a web app that allows visually impaired users to communicate with hearing impaired users.
 - Integrated Google's Text-to-Speech and Speech-to-Text APIs with **Cloud Firestore in an Express backend**.
 - **Architected a modular frontend** with reusable components **using React hooks**.
- **Space Adventure**  *Jun 2020*
 - Designed an infinitely scrolling game using **Java** and leveraged OOP principals to create a variety of enemies and obstacles to shoot through and dodge.
 - Collaborated in a team of 3 and **utilized Jira for task and project management**.