CHRISTOPHER HADRIAN WONG

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EDUCATION & AWARDS

University of British Columbia, Vancouver   **Sep 2020 – May 2025**

4th Year Bachelor of Science, Computer Science Major

- **Coursework:** Basic Algorithms and Data Structures, Introduction to Computer Systems, Software Design and Construction, Models of Computation, Fundamental Program and Computation Structures
- **Vantage One Entrance Award ($25,000):** Granted based on academic merit

TECHNICAL SKILLS

Languages:	Go | JavaScript | TypeScript | Python | SQL | C++ | Java
Databases:	PostgreSQL | Microsoft SQL Server | SQLite | Google Firestore
Technologies:	React/Redux | Express | Koa | Docker | Git | Jira | AWS | Kibana

WORK EXPERIENCE

Software Developer Co-op, Alida (formerly Vision Critical)   S**ep 2022 – Present**

- Developed a data ETL tool using **Go**, **PostgreSQL**, **AWS SQS**, and **Kibana** to extract and transform data from multiple sources into an EAV data model, and load it to a data warehouse
- Constructed a data catalog API with **Go-chi** to provide a simple and efficient way to retrieve data and metadata from the EAV model data warehouse
- Implemented table-driven unit and integration tests with a generic test framework to ensure quality and maintainability of the ETL tool
- Debugged and resolved issues in a full-stack **Typescript** application using logger and **Redux DevTools** to identify and fix bugs

Software Developer Intern, Felix Payment Systems   **May 2022 – Aug 2022**

- Developed onboarding and registration features for a client portal website according to its UI design prototype with **React**, **Typescript, Node.js**, **Express**, and **SQL Server**
- Configured CI/CD Pipeline for the client portal's codebase by setting up **Bitbucket Pipeline**, including writing unit tests with **Mocha** and **Chai**
- Assisted the development and design of a tap-to-phone payment mobile application with **QT Creator** by adhering to Figma mock-ups and business logics

PROJECTS

GISAU | www.gisaubc.com   **Oct 2022 - Present**

- Lead a team of two to design and develop a student association website using **React**, **Google Firestore**, and **Netlify**, while managing the project with **JIRA**, **Confluence**, and **GitHub**
- Create an engaging and interactive pomodoro timer using **React**, **Express**, **Node**, and **Firebase**. Elevate website traffic and incentivize users by offering reward points redeemable for items upon successful completion
- Developed an online polling tool with **React** and **Google Firestore** for the club's annual election to eliminate the needs for manual validity checking. Successfully managed 80 responses and provided real-time data upon completion

Indeed Jobs Scraper | https://github.com/chrishadrian/jobs-webscraping   **Feb 2022 – Apr 2022**

- Developed a web scraping script with **Python**, **BeautifulSoup4**, and **SQLite** to extract job listings and their descriptions from Indeed to automate job search

Unixpense | https://github.com/chrishadrian/Unixpense   **Sep 2021 – Dec 2021**

- Developed an expense tracker desktop application with **Java**, **JUnit, and Swing** that allows users to create, delete, save, load, and analyze their expenses