

# AIDEN HARRINGTON

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## TECHNICAL SKILLS

Java Spring SQL Python Scala Node.js C# .NET Docker

## EDUCATION

- **University of British Columbia** Vancouver, BC  
*BSc, Computer Science* May 2022

## EXPERIENCE

- **PayPal** Vancouver, BC  
*Software Engineer 2* May 2022 - March 2024
  - **Backend Onboarding Team Impact:** In collaboration with my team, we reduced partner onboarding time by 75% and merchant onboarding time by 50% by contributing improvements to our Java Spring Boot microservices.
  - **Webhook Design and Implementation:** Led my team's portion of a cross-functional project involving multiple engineering teams' collaboration to introduce a webhook alert notifying merchants of threshold criteria. Coordinated with product, architects, secured partner approval, and led demos for a successful release.
  - **Batch Tool Ownership:** Designed a new interface for the Spring Batch tool and API, automated retries, and created a new process flow. Developed the documentation, hosted demo sessions, and led PR reviews for teams in North America and China. Successfully transitioned the proof-of-concept batch to production and ran successfully on more than 100k accounts.
  - **Leadership:** Led multiple projects as primary lead and oversaw contract employee assignments, ensuring alignment with requirements. Mentored our summer intern by co-designing the intern project and supporting through daily check-ins to its completion and our intern's demo.
- **Knoldus** Remote - Mississauga, ON  
*Software Intern* May 2021 - Aug 2021
  - **Full Stack Development:** Built several new end-to-end features for an internal employee leaderboard application, including building new pages on the frontend (Angular), new API endpoints (Scala backend), writing complex SQL queries, unit testing, and creating new database models (PostgreSQL).
  - **Intern Lead:** Led two other interns by assigning Sprint tasks, performing code reviews, providing technical guidance, and presenting weekly updates to the CEO and team Manager.
- **Mitacs** Vancouver, BC  
*Junior Software Developer (Co-op)* Sep 2019 - Aug 2020
  - **Applications Portal Development:** Built several features for Mitacs' Research and Applications Portal using Angular and Node.js. Responsibilities included UI updates, database modifications, creating HTTP calls, writing tests, and refining logic on both frontend and backend.
  - **Employee Data Sync:** Developed a scheduled daemon to perform weekly data synchronization across company systems (Research Application Portal, Sharepoint, Microsoft Azure, and MySQL database).

## PROJECTS

- **Subscriber** Watch demo here: [https://www.youtube.com/watch?v=1xO1CIoY\\_48](https://www.youtube.com/watch?v=1xO1CIoY_48)
  - Created a full-stack subscription application, utilizing a self-sufficient Docker container to orchestrate the communication and setup of the frontend React component, two Java Spring Boot services, and a PostgreSQL database.
  - Implemented request-response communication (HTTP calls to API) and event-driven communication (webhooks and emitters) to ensure data synchronization and real-time updates.
- **Personal Website** Coming Soon!
  - Building a personal website with React to serve as a professional homepage, showcase my portfolio, and facilitate easy communication through a built-in email messaging component.
- **Expense Tracker** <https://github.com/aidenharrington/ExpenseTracker>
  - Developed a C# application that enables users to input, track, and manage their expenses using a database connection to ensure data persistence across sessions.