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# Ayo Akindele

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## EDUCATION

**Bachelor of Science, Specialization in Computing Science, Business Minor**  
**University of Alberta**

Edmonton, Alberta  
Anticipated: 2022

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## SKILLS

**Languages:** HTML, CSS, Javascript, Ruby, C, Java, Python, SQL  
**Frameworks:** Rails, Android SDK  
**Tools:** Git, PostgreSQL, Figma, Firebase, Materialize CSS, Trello, Slack

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## EXPERIENCE

**Live Well Exercise Clinic**  
Software Developer Volunteer

Edmonton, Alberta  
Jul. 2020 – Sep. 2020

- Developed 2 administrative dashboards to facilitate site navigation for company administrators.
- Added breadcrumbs to 12 webpages to improve customers' ease of access to previously visited webpages.
- Reorganized portions of the existing file structure in the codebase to enable easier code debugging.
- Wrote 2 RSpec tests to ensure the validity of newly written code.

**Edmonton Public Schools**  
Team Lead

Edmonton, Alberta  
Sep. 2019 – Mar. 2020

- Generated weekly plans of activities to encourage leadership and teamwork in a group of 30 students.
- Led a group of 3 coworkers in overseeing daily student activities and in helping the students with homework.
- Facilitated student engagement in activities from 2 external programs (DiscoverE and Action for Healthy Communities).
- Coordinated 3 student groups in field trips to Jurassic Forest, Millenium Place, Laser Quest and more.

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## PROJECTS

**Pocketbook**

Java, Android SDK, FirebaseAuth, Firebase Firestore, Firebase Storage, JUnit Testing, Figma, Trello, Slack

Edmonton, Alberta  
Sep. 2020 – Nov. 2020

- Created a book lending/borrowing app with a team of five other people, using AGILE project management practices.
- Designed the app's local and Firebase model schemas, set up live loading to ensure that changes to the data in Firebase were immediately present in the app, and implemented rigorous data checks to ensure the validity of the information being transferred between the app and Firebase.
- Wrote unit tests for the app's model files and wrote 9 of the 16 intent UI test files to make sure that login, signup, book/profile editing, and other activity and fragment operations were conducted properly.

**FindReq**  
Python

Edmonton, Alberta  
Aug. 2020 – Present

- Developed a prerequisite finder that connects to the University of Alberta's catalogue and finds all the prerequisites for the class that a user searches for, including the prerequisites of the found prerequisites.
- Implemented the Breadth First Search algorithm to efficiently process each class's prerequisites in a hierarchical order.
- Employed the FuzzyWuzzy string matching library to increase the accuracy of the results for the user's searched class.

**MsgAPI**

Ruby, Rails, HTML, CSS, Materialize CSS, Javascript, PostgreSQL

Edmonton, Alberta  
Aug. 2020

- Built a RESTful API and with a Ruby on Rails frontend that enables users to create, read, update and delete messages.
- Connected the msgAPI frontend to a PostgreSQL database to enable longterm message access and retrieval.
- Utilized the Materialize CSS framework to efficiently structure, design and organize the msgAPI frontend.