

Shahab Salem

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Education

University of Calgary, Bachelor of Science - **Computer Science**

Sep 2018 - Expected May 2022

- Jason Lang Scholarship

Key Skills

- **Languages:** Java , Python , Javascript (ES6) , SQL , HTML , XML , CSS , C
- **Technologies and Libraries:** Node , Express , React , Spring , Flutter , JQuery , Bootstrap , Sequelize , Hibernate , MyBatis , HTTP , REST , GraphQL , Apollo , JUnit , Bash , Github , Gitlab , Bamboo , Maven
- **Databases and Servers:** MySQL , Oracle , PostgreSQL , Google Cloud Firestore (NoSQL) , MongoDB , JBoss

Work Experience

Software Developer Intern

Canadian Institute for Health Information - Toronto

January 2020 - present

- Pioneered the agile revamping of key nationwide healthcare reports' generation, amplifying speed and accessibility by ~20%, by migrating from Oracle Reports to Jasper.
- Significantly reduced batch queuing by at least 35% through redesigning **Java** and **Spring** code.
- Launched an **AWS EC2** and **RDS** instance, utilizing **Cloud Formation** to deploy an **Angular & Python Flask** app.
- Consolidated applications' modularity by refining **SQL** queries to an **Oracle** database, remodeling **XML** code, and employing Object Mappers.

Co-founder & Full-Stack Developer

Omnia | Acquired in November 2019

May 2019 - November 2019

- Selected out of 5000+ applicants to pitch at **YCombinator** as part of the Winter 2020 batch.
- Spearheaded the agile development of a streamlined ed-tech solution providing key data analytics on student behavior to university systems.
- Added \$140,000 into our predicted sales pipeline and brought about \$80,000 of that into final quotation stage.
- Acted as lead engineer, bootstrapping the development of the web dashboard, utilizing **Javascript** , **HTML** , **Bootstrap** , **CSS** , **Node.js** , **Google Cloud Firestore**.

Selected Projects

Dime: Cross-platform mobile application that integrates all things social on campus (www.getdime.ca)

- Acquired 2500+ users in 4 days with a retention rate of 95% on the 2nd day.
- Implemented back-end functionality including API integration, geo-location features, real-time messaging, user profiles, and post threads.
- Instituted efficient data pagination mechanisms to decrease database calls by at least 55%.
- Utilized **Flutter**, **Firebase**, and **Node.js** for server side cloud functions.