# Shahab Salem

shahab.salem2@gmail.com        (587) 439-4903        https://shehabsn.github.io        https://github.com/ShehabSN

## Education

**University of Calgary,** Bachelor of Science                                      Sep 2018 - Expected May 2022

- Majoring in **Computer Science**, minoring in Data Science
- **Major GPA & Scholarships:** 3.7/4.0 , Jason Lang Scholarship

## Work Experience

**Software Developer Intern**
Canadian Institute for Health Information                                      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.
- Conducted research and utilized **Python** to design a predictive analytics model identifying drug abuse.
- 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 and product manager, 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.

## Key Skills

- **Languages:** Java , Python , Javascript (ES6) , SQL , HTML , XML , CSS , C , Dart , Assembly (ARMv8)
- **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