

TAREK AIT HAMOUDA

SOFTWARE ENGINEER STUDENT

CONTACT INFORMATION

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LinkedIn: <https://linkedin.com/in/tarekait>

GitHub: <https://github.com/tarekait1996>

Portfolio: <https://tarekameha.herokuapp.com/>

SKILLS & COMPETENCIES

- **Programming Languages:**
 - Proficient: Java, Swift, JavaScript, HTML/CSS
 - Familiar: Kotlin, Python, MySQL
- **Frameworks:** ReactJS, NodeJS, ExpressJS, jQuery, JUnit, Mockito, Git

EDUCATION

CONCORDIA UNIVERSITY

Bachelor of Software Engineering (Co-op)
January 2017 to May 2021

- CGPA 4.02 / 4.30
- Dean's List 2018-2019, 2019-2020
- Recipient of Vigilant-DRW Software ICS award Scholarship
- **Relevant Courses:** Artificial Intelligence, Algorithms & Data Structures, Operating Systems

VANIER COLLEGE

DEC in Pure and Applied Science
Sept. 2014 to Dec. 2016

WORK EXPERIENCE

SOFTWARE DEVELOPER ENGINEER (INTERNSHIP)

Amazon | Vancouver, BC, Canada | June 2020 to September 2020

ANDROID MOBILE DEVELOPER (INTERNSHIP)

SunLife Financial | Montreal, QC, Canada | May 2019 – Aug. 2019

- Contributed in the implementation of multiple new features to the Android Sun Life app by writing clean, efficient, well-tested, and maintainable code.
- Significantly decreased the amount of code smells and critical bugs while increasing the test coverage and reliability inside the project through code refactoring and testing phases.

IOS MOBILE DEVELOPER (INTERNSHIP)

SunLife Financial | Montreal, QC, Canada | Sept 2018 – Dec 2018

- Significantly decreased the number of bugs and code smells of the whole project through constant refactoring of the existing interfaces, test cases, View, View Models, and overall code base.
- Rapidly prototyped new features to confirm integration feasibility into existing systems. Deliver these prototypes in the form of Proof of Concepts and present them to stakeholders, AVPs, and more.

PROJECTS

HELPING HAND (BLOCK HACKS2018 WINNER 1ST PLACE)

<https://github.com/imabhijit/BlocHacks18>

- Developed a social platform that assists refugees in finding free foods, clothes, furniture and more while connecting them with various organizations.
- **Utilized:** MongoDB, ExpressJS, Angular, NodeJS (MEAN stack)

ALERTG (HACKTHENORTH2019)

<https://github.com/Hambrsroom/AllergyApp>

- Developed an Android application that assists individuals with allergies by alerting them of the potential allergic reactions they might encounter.
- Integrated Google Vision API and Edamam API, allowing the application to use a device's camera to recognize labels (OCR) and provide recipes to the user.
- **Utilized:** Google Vision API, Firebase, Java

CONCORDIA CAMPUS GUIDE APP

<https://github.com/Concordia-Campus-Guide/Concordia-Campus-Guide>

- Act as a Tech Lead within an agile team of 8 developers to build an Android application that assists individuals in navigating around Concordia's campuses.
- **Utilized:** Java, SonarQube, JUnit, CircleCI, Google Cloud Platform APIs