

Ahmad Alsabbagh

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EDUCATION

- **University of Toronto** Toronto, ON
Computer Science; Honours Bachelor of Science *Sep 2017 – Apr 2023*
 - Specialization: Computer Science, Other: Mathematics, Statistics, Physics, Astronomy
 - Relevant Coursework: Data Structures and Algorithms, Databases, UI/UX Design
 - Awards: Entrance Scholarship, Dean's List candidate

EXPERIENCE

- **Flipp** Toronto, ON
Associate Software Engineer, Content Collection Team *May 2021 - Apr 2022*
 - Developed full-stack features using Ruby on Rails and JS/HTML/CSS
 - Owned and maintained data collection systems for our main products
 - Utilized Apache Kafka, MySQL & Redis to streamline data to our downstream services
 - Worked with stakeholders and different teams to improve and upgrade our data collection systems
 - Improved memory usage in our Ruby on Rails microservices
 - Participated in Scrum workflow and presented our biweekly sprint report
 - Wrote and updated developer documentation covering different development processes and investigations
- **SOTI** Mississauga, ON
Software Developer, Android Team *Sep 2019 - Aug 2020*
 - **Mobicontrol for Android:** MobiControl enables companies to securely manage any device or endpoint
 - Developed features in Java via test-driven development
 - Refactored major areas of the repository to improve maintainability
 - Debugged and fixed bugs that required complex workarounds
 - Improved logging in Mobicontrol for Android developers leading to efficient debugging
 - Participated in Scrum project management workflow
 - Wrote and updated developer documentation covering different development processes
- **University of Toronto** Mississauga, ON
Teaching Assistant *Jan 2021 - Apr 2021*
 - **CSC209:** Software Tools and Systems Programming
 - Software techniques in a Unix-style environment, using scripting languages and the machine-oriented programming language, C. What goes on in the operating system when programs are executed. Core topics: creating and using software tools, pipes and filters, file processing, shell programming, processes, system calls, signals, basic network programming.
 - Held weekly lectures to explain key concepts and answer student questions
 - Assisted professors in facilitating their lectures by monitoring/responding to the chat

PROJECTS

- **COVID-19 Statistics and News Mobile Application:** A COVID-19 statistics news app that collects local government data in Ontario and displays it in one convenient app. Uses Data Visualization to display number of current cases, deaths, recovered cases, and hospitalized cases in your local municipality. Built using Flutter, NewsApi and Google Sheets API.

SKILLS

- **Languages:** Java, Python, Ruby, JavaScript, C/C++, Dart, HTML, CSS, SQL
- **Technologies:** Git & Github, Docker, Amazon Web Services (AWS), CircleCI, Github Actions, Jenkins, MySQL, MongoDB, PostgreSQL
- **Frameworks:** React, Flutter, Ruby on Rails, Flask, Django