

# Ahmad Alsabbagh

ahmadalsabbagh.com

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## EDUCATION

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- **University of Toronto** Toronto, ON  
*Computer Science; Honours Bachelor of Science* *Sep 2017 – Apr 2023*
  - Specialization: Computer Science, Other: Mathematics, Statistics, Physics, Astronomy
  - Awards: Entrance Scholarship, Dean's List candidate

## EXPERIENCE

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- **Flipp** Toronto, ON  
*Associate Software Engineer, Content Collection Team* *May 2021 - Apr 2022*
  - Developed key full-stack features using Ruby on Rails and JS/HTML/CSS
  - Owned and maintained new data collection systems generating new streams of revenue (\$1M)
  - On-boarded new retailers onto data collection systems to generate content for Flipp Ad campaigns
  - Worked with a wide range of API endpoints from different retailers to optimize data collection while avoiding bot detection
  - Utilized Apache Kafka, MySQL & Redis to streamline data to downstream services
  - Worked with stakeholders and different teams to improve and upgrade data collection systems
  - Improved memory usage in Ruby microservices reducing costs and potential of Datadog alerts
  - Wrote and updated developer documentation covering different development processes and investigations improving new hire on-boarding and reducing daily manual work for developers
- **SOTI** Mississauga, ON  
*Software Developer, Android Team* *Sep 2019 - Jun 2020*
  - Developed features in Java via test-driven development for different versions of Android
  - Refactored legacy code base to improve maintainability
  - Debugged and fixed bugs that required complex workarounds
  - Improved logging in Mobicontrol for Android developers leading to efficient debugging
  - Wrote and updated developer documentation covering different development processes. Participated in Scrum workflow
- **University of Toronto** Toronto, 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. 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

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- **COVID-19 Statistics & News Mobile Application:** A COVID-19 statistics & news app that collects local government data and news in Ontario and displays it in one convenient app. Built using Flutter, NewsApi and Google Sheets API.

## SKILLS

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- **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