

SUMMARY

I'm a software developer and an Android enthusiast looking to grow and apply my skills developing, scaling and maintaining Android apps.

EDUCATION

UNIVERSITY OF TORONTO

2016 - 2021

BASC IN ELECTRICAL & COMPUTER ENGINEERING

- Graduated with a Certificate in Artificial Intelligence

EXPERIENCE

SOFTWARE ENGINEER II, FLIPP

05/2021 - Present

- Lead Android developer on a Pilot project focused on unlocking organic user growth within the US. Iteratively tested and released multiple tactics including related item suggestions, contextual search and personalized content.
- Implemented the Global SearchBar into the Flipp Android App.
 - Led to an increase in search adoption among US users by **9.5%** and search usage by **6.7%**.
 - Led to a **29% MOM** reduction in user complaints on missing content.
- A strong advocate for trying out new technology and tackling tech debt.
 - Modernized our codebase to become **50% Kotlin**.
 - Introduced Kotlin Flows, Coroutines, Hilt, Mockk, KMM and ML Kit into our codebase.
 - Adopted the MVVM architectural patterns for all features.

ASSOCIATE SOFTWARE ENGINEER, FLIPP

05/2019 - 09/2020

- Overhauled our Deep Linking architecture and introduced our in-app Sharing feature.
 - Led to an increase of **327% YOY** in sharing and **5000+ app installs** in the first month.
 - Unlocked Deferred Deep Linking and User Attribution capabilities.
- Implemented native coupon support on the Android app to render Coupon Books securing **\$20,000** from retailers.
- Made our app **CCPA compliant** allowing California users to request and delete their personal data.

ESP (ENGINEERING STRATEGIES & PRACTICES) INTERN, ELECSOFT CONSULTING INC.

01/2017 - 04/2017

- Designed a 'smart weight lifting machine' to allow users to count their reps and calories burned on their phone by signing in with a QR code.

SKILLS

PROGRAMMING LANGUAGES Kotlin | Java | Python | C/C++

FRAMEWORKS & LIBRARIES MVVM | Coroutines | Kotlin FLOW | Hilt | Databinding | Epoxy | Kotlin Compose
Room DB | Retrofit | OkHttp | Moshi | RxJava | KMM | Koin

SOFTWARE DEVELOPMENT CircleCi | Github Actions | Firebase | Git | Agile Methodology
LANGUAGES *Fluent:* English *Beginner:* French

PROJECTS

NEWSCAST, ANDROID APP WRITTEN IN KOTLIN

07/2020

- A convenient News app designed to showcase Android best practices. Uses MVVM, Coroutines, Databinding, Koin, Retrofit, Moshi, Room and more.
- Offers offline reading, search capabilities, multiple language support and a beautiful UX.
- gerin98.github.io/NewsCast