

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

- 4th year student majoring in Computer Engineering with a Certificate in Artificial Intelligence

EXPERIENCE

ASSOCIATE SOFTWARE ENGINEER - ANDROID, 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
- Created a renderer to dynamically display flyers from the backend. Allows control over flyer layouts, size and position giving the business more control over the content displayed and users more relevant content
- Made our app **CCPA compliant** allowing California users to request and delete their personal data
- Introduced and implemented new technologies into the codebase including Koin, DataBinding, WorkManager, Epoxy and Dynamic Feature Modules
- Modernized the app by migrating to Room, using Coroutines, utilizing MVVM architecture and rewriting core components in Kotlin. Led to increased performance and reduced our crash rate by **over 25%**
- Extended automated test coverage to **100%** of new components, reducing manual regression time

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 | C/C++ | Python

SOFTWARE DEVELOPMENT CircleCi | FireBase | GIT | CLI | Agile Methodology | Kubernetes

FRAMEWORKS & LIBRARIES MVVM | Databinding | WorkManager | Navigation Component | Koin | Coroutines
Room | Retrofit | OkHttp | Moshi | RxJava | Epoxy | Dynamic Feature Modules

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

GITHUB CLIENT, ANDROID APP WRITTEN IN KOTLIN

12/2019

- GitHub android app to let you easily search Github users and repos. Uses MVVM, RxJava and Retrofit alongside the GitHub API.
- gerin98.github.io/androidGitClient/