

# Colin Marsch

## ANDROID ENGINEER

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## Skills

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**Languages** Kotlin, Java, SQL

**Libraries** Jetpack Compose, Coroutines, RxJava, Dagger, Paparazzi, Molecule, Retrofit, SQLDelight

## Experience

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### Cash App

*Seattle, WA (Remote)*

SENIOR ANDROID ENGINEER - PLATFORM

*Oct 2022 - Present*

- Engineered the Android infrastructure to support the first full screen use of [Treehouse](#), a **Kotlin Multiplatform** library; conducted load testing experiments to inform Treehouse's development roadmap
- Laid out the foundations for the first comprehensive **client side performance tracking** framework on Cash App's main tabs to allow measurement of key metrics such as screen load times, data staleness and network slowness
- Simplified new feature integrations on Cash App by introducing **reusable interfaces** that product teams can self-serve to add new endpoints in the app, saving them weeks of engineering effort
- Integrated Firebase Analytics to log events, enabling insights and optimization of **\$50k+ per day** marketing spend
- Led the cross-disciplinary accessibility tooling group of **15+ engineers** to build tools to scale accessibility at Cash
- **Mentored 6 junior engineers** through Cash's mentorship program with weekly 1:1s to advise on career growth

ANDROID ENGINEER - SHOPPING

*Jun 2021 - Oct 2022*

- **Led 3 Android engineers** to integrate Afterpay shopping into Cash App post-acquisition; building the product from engineering scoping to customer launch using **Compose UI** and Molecule
- **Onboarded 25+ engineers** onto Cash App mobile and created now mandatory video content for all mobile hires
- Contributed to the **Paparazzi** open source library to improve support for accessibility checks and snapshot tests

### Cash App

*Remote, Canada*

SOFTWARE ENGINEER INTERN

*Sep 2020 - Dec 2020*

- Worked on Cash App Android to build features such as app review prompts and direct deposit triggered rewards
- Added dark mode support to 10+ screens on Cash App

### Google

*Remote, Canada*

SOFTWARE ENGINEER INTERN

*May 2020 - Aug 2020*

- Contributed to the **Android Open Source Project** to convert apps from Java to Kotlin and support Android API 29
- Published [Re-writing the AOSP DeskClock app in Kotlin](#) on the official Android Medium, reaching **5000+** impressions

## Talks

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### Droidcon SF

*San Francisco, CA*

SPEAKER

*Jun 2023*

- Presented tips on how to effectively learn a new codebase; slides are available [here](#)

## Education

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### University of Waterloo

*Waterloo, Canada*

BACHELOR OF COMPUTER SCIENCE, DEAN'S HONOUR LIST