

# Ryan Pierce

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## Summary

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- Tech Lead of Android team on Capital One mobile app
- 6 years native mobile app development experience
- 4 years native mobile app/full stack industry experience
- Speaker at large Android conferences (links below)
- Shipped iOS/Android native app in App/Play Store
- Proficient in Kotlin, Swift, Java, and native SDKs

## Experience

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### QuickShake | New York City, NY

October 2021 - Present

Founder, Software Engineer, Native mobile app development

Native iOS and Android mobile app for sharing your social media and personal brand with your network.

- Fully developed mobile apps, websites, and back-end. Mobile apps are written in Kotlin, Java, and Swift.
- Designed and marketed apps to users. Collected customer feedback for product iteration towards market fit.
- Apps shipped to App Store and Play Store with active users.

### Capital One | Chicago, IL and Mclean, VA

September 2018 - October 2021

Tech Lead, Software Engineer, Native Android app development

Feature development for Android mobile banking.



- Worked as a technical lead of feature development for Capital One's Android mobile banking app.
- Shipped to tens of millions of users weekly. Used Agile to iterate on customer feedback and business goals.
- Led all technical development on an android feature team, specializing in customer rewards and partnerships.
- Worked with business leaders, product managers, and stakeholders to design, improve, and ship features.
- Developed and maintained features in a large, complex mobile app using modern architectures and patterns.
- Maintained back-end RESTful APIs for financial cloud applications using AWS serverless lambdas and ECS.
- Learned to problem-solve in high stress situations for supporting critical APIs and features in production.

### Speaker | International/Virtual

May 2020 - Present

Android and native mobile app development

**To watch these talks, visit the links below or visit my website** - <http://ryanpierce.me>

- GOTO Conferences 2020: Delivered talk on Kotlin Flows and Coroutines in Android to an international audience.  
 <https://youtu.be/xch4aw7hNcY>
- Chicago Roboto 2020: Delivered talk on Coroutines, StateFlow, and SharedFlow to an international audience.  
 <https://youtu.be/RoGAb0iWljq>
- Additional private and internal talks on Android and native mobile development best practices.

## Education

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### Georgia Institute of Technology | Atlanta, GA

August 2013 - August 2018

Bachelor of Science in Aerospace Engineering, GPA 3.7

- Mars Perseverance Rover: Analysis of rover components to prepare for 2021 Mars landing (ATA Engineering).
- Satellite Software Development: Wrote drivers for CubeSat power distribution and command/data handling.

## Skills

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Software: Kotlin, Swift, Java, git, GitHub, Android and iOS SDK, Native Mobile, Linux, Android Studio, Xcode, Atom

Certifications: AWS Certified Solutions Architect - Associate

Patterns: Jetpack Compose, SwiftUI, Room Database, Recommended Architectures, UI/UX Design, Microservices

Community: Public Speaking and Presentations, Kotlin Coroutines/Flow demos on GitHub [github.com/Ryan-Pierce](https://github.com/Ryan-Pierce)

Unique: Unicycling Club Founder at Georgia Tech, Designed software and hardware currently in space and on Mars