

# Xizhi Zhu

Lead Software Engineer  
Android Expert



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<https://github.com/xizzhu>

## Highlights

- 12 years of professional software development, including 9 years of Android development.
- 9 years of Java experience, 5 years of Kotlin, and 4 years of C++ (inc. 2.5 years of Qt).
- Native Chinese speaker, fluent in English.

## Work Experience

Jun. 2020 – Now                      **Senior Software Developer @ Garmin**                      Olathe, USA

- Design and develop modern Android app architecture.
- Mentor other team members.
- Design and develop libraries for Android, such as networking, notification, and analytics.
- Improve Bluetooth communication between Android apps and Garmin devices.

Jan. 2019 – Jun. 2020                **Senior Software Developer @ LinkedIn**                      San Jose, USA

- Main contributor in Kotlin migration evaluation and planning.
- Improve Android networking stack.

Sep. 2017 – Jan. 2019                **Software Developer @ Facebook / Instagram**                      Menlo Park, USA

- Unify video playback logging system, and improve playback metrics for both Android and backend.
- Unify Android video player with cleaner interface and better design.
- Design and implement a global prefetch scheduler for both images and videos for Android.

Mar. 2014 – Sep. 2017                **Senior Android Developer @ Sports Tracker**                      Greater Helsinki, Finland

- Main contributor to app architecture, design patterns, etc.
- Work with all different layers in the app, from low level BLE communications all the way up to UI development.
- Mentor other team members.

May 2012 – Feb. 2014                **Client Developer @ Rovio**                      Greater Helsinki, Finland

- Design and develop cloud services (such as authentication, storage, messaging) used by different games.
- Design and develop location-based in-game feature Magic Places.

Dec. 2009 – Apr. 2012                **Software Engineer @ Nokia**                      Tampere, Finland

- Modularization of several Qt Mobility APIs for Qt5.
- Design and implement Organizer, System Info, Bearer Management, and several other Qt Mobility modules.
- Reference implementation of Qt Web Runtime.
- Quality assurance and releasing of Qt Web Runtime.

## Education

Sep. 2003 – July 2007                Nanjing University of Science and Technology                      Nanjing, Jiangsu, China

- Bachelor of Computer Science.
- Graduation thesis is A.
- 2 papers published on Ad Hoc networks.