KEVIN LAM

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Experience

Senior Software Engineer - Android	Apr 2025 - Present
Software Engineer - Android	May 2022 - Mar 2025

Uber

- Maintained and enhanced app health dashboards, built alerts, and monitored key metrics as a member of the Rider app's App Health team, ensuring overall application stability.
- Overhauled Uber's end-to-end deep-link ecosystem, from requirements and expectations to monitoring and alerting, resulting in a **20%** increase in deep-link success.
- Reduced cold-launch latency by 3 seconds (**30% improvement**) through targeted startup optimizations, including backgrounding expensive logic, streamlining critical code paths, and creating lighter UI flows.
- Created the loading screen experience that is seen by **85%** of Uber's Android user base.
- Owned the end-to-end design and delivery of a device-classification library to bifurcate low-end and high-end devices — reducing regressions by avoiding resource-intensive feature rollouts on low-end hardware.
- Mentored interns and full-time engineers on technical design and career development.

Senior Software Engineer - Android	Jan 2021 - Apr 2022
Software Engineer - Android	Jan 2019 - Jan 2021

Lookout

- Spearheaded client-side feature development of Lookout's enterprise mobile app, Lookout4Work.
- Maintained core platform modules used by all Lookout Android products.
- Drove to completion the customer-requested feature, Dual Enrollment, which helped close a deal worth **$174,000 for 20,000 device registrations**.
- Automated the build process for the Lookout4Work test application, decreasing build generation time by **90%**.
- Worked extensively with **Android Enterprise API** to support our customers who use Mobile Device Management and Enterprise Mobility Management solutions.

Skills

Languages:	Java, Kotlin, Python, XML
Frameworks:	Android, Apache Thrift, Jetpack Compose
Systems:	Bazel, Buck, Gradle
Tools:	AWS Athena, Bitrise, Crashlytics, Datadog, Gerrit, Git, Jenkins, JIRA, Kibana, Phabricator
Libraries:	Appium, Dagger2, Espresso, Glide, JUnit, LeakCanary, Retrofit, RxJava2, RxAndroid, UiAutomator

Personal Project

Android application	Sep 2018 - Oct 2018

Meridian [https://github.com/kevin-lam/Meridian]

- Allows users to read daily news retrieved from the New York Times.
- Provides offline support through **Glide** image caching and **Room** data caching.
- Tested using **JUnit**, **Espresso**, and **UiAutomator**.
- Built using **Bitrise CI/CD** for automated testing and easy package installation.
- Frontend: **Java, XML** — Database cache: **Room** — Architectural pattern: **MVVM**

Education

University of California, Riverside	March 2018
Master of Science, Computer Science	