

Ricardo Carrillo

Software engineer

Texas

(510) 932-8422

riccardo.carrillo7@gmail.com

<https://github.com/RiccardT>

EXPERIENCE

Google Play, Mountain View, CA - L3 Software engineer

Aug 2021 - March 2024

- Rebuilt the main [Search UI component](#) for 40% (134M+) of search queries on Google Play, which reduced code execution path counts by **-96%**.
- Designed & implemented a [card collapse feature](#) which improved ad clicks by **1.25% (256K+)**.
- Recreated & collectively launched the "[What's new UI](#)" card on apps details pages, which led to a **30%** load time improvement.
- Collectively led interns through the design & implementation of the [apps reporting page](#) architecture migration for apps/games, which unified reporting across Play & reduced lines of code by **10%**.
- Collectively rebuilt the [expanded description page](#) for apps from an MVC to an MVVM architecture, which improved test coverage by **18%**.
- Co-Lead & won our team's 2023 tech debt competition (Fixit), which in total resolved **33 open bugs in 1 week**.
- Designed & implemented a flake resistant UI test for [apps details pages](#) to replace 34 flaky tests, which improved the signal to noise ratio for test runs by **97%**.

Chase, Columbus, Ohio - Software engineer

Feb 2020 – Aug 2021

- Developed a CI/CD pipeline for the firm's certification applications which saved **30 minutes of daily dev time**.

EDUCATION

UT Rio Grande Valley, Edinburg, TX - Mechanical Engineering & Computer Science

Graduated December 2019

SKILLS

Frameworks/Platforms

- React [◆◆]
- Android [◆◆]
- iOS [◆]

Web development

- Frontend [◆◆◆]
- Backend [◆]

Engineering

- Test-driven design
- Behavior-driven tests
- Experiment-led iteration

Tooling

- Linux
- Git/Github

Languages

- HTML/CSS/JS/TS
- Java/Kotlin
- Swift
- Python