Fernando Raviola

Sr. Android Engineer

👤 Profile

Eight years in the mobile application development industry working on high profile graphics software and large scale multimedia applications. Extensive experience building, deploying and monetizing independent applications.

💼 Employment History

Android Engineer at Walpy, Argentina

September 2017 — Present

- Designed, built and deployed an independent Android app with over +400K downloads and a 4.7/5.0 user rating on the Google Play store.
- Made use of recent libraries and language features: Kotlin-Multiplatform, Coroutines, Ktor, and SqlDelight.
- Worked extensively with OpenGL/Shaders and the Android NDK.

Sr. Android Engineer at Canva, Sydney

December 2017 — July 2019

- Worked on Canva 2.0, a core re-write of the Android graphics editor.
- Implemented billing capabilities into the app (Google Play / WeChat)
- Performed technical coding interviews for new hires.
- Worked extensively with OpenGL, shaders / GLSL language.
- Mentored new employees throughout the Android client codebase.
- Wrote unit/integration/UI tests.

Sr. Android Engineer at Love Agency, Sydney

November 2015 — November 2017

- Implemented a clean MVP architecture using reactive programming principles and DI frameworks (Dagger2)
- Used Google's ExoPlayer library to consume video streaming protocols.
- Worked closely with the backend team to help structure RESTful APIs.

Software Engineer at Globant (Consulting firm), Argentina

April 2014 — November 2015

- Developed and maintained mobile applications for Globant's clients (Disney and eBay)
- Offered input on software related architectural decisions.
- Participated in decision meetings on team structure, PR reviews, tech debt and code structure.

🎓 Education

Bs. Software Engineering, UTN, San Francisco

Five-year undergraduate degree with a mathematical foundation that includes calculus, linear algebra, and discrete mathematics, as well as a computer science core, including modern programming methodologies, the analysis of algorithms and data structures and the study of operating systems.

Details

SF, Cordoba, 2400, Argentina

fernandoraviola@gmail.com

Date of birth

01/12/1989

Nationality

Argentina

Skills

Android

Kotlin

OpenGL (GLSL)

Java

Links

Personal Blog

LinkedIn

Github

Twitter

Portfolio

☲ Courses

Ray Tracing in One Weekend, Peter Shirley

January 2020 — January 2020

Creating a 16-bit general purpose computer from Nand gates, Coursera

January 2020 — January 2020

Deep Learning Nanodegree, Udacity

January 2018 — July 2018

Artificial Intelligence for robotics, Udacity

July 2019 — October 2019

Intro to Machine Learning, Udacity

January 2017 — March 2017

⬛ Languages

English

- Certificate in Advanced English from the *University of Cambridge (CAE)*
- First Certificate in English from the *University of Cambridge (FCE)*
- Test of English as a Foreign Language (TOEFL)
- Three years of experience living and working in an English speaking environment.

Spanish

- Native speaker

📣 References

References available upon request