

Dan Peluso

Mobile Developer

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github.com/pelusodan

EDUCATION

Northeastern University — *B.S. in Computer Engineering, Minor in Computer Science (3.6 GPA)*

September 2017 -- May 2021

EXPERIENCE

WHOOOP, Boston, MA — *Android Developer*

July 2020 -- December 2020, July 2021 -- Present

- Contributed to weekly production builds, including bug fixes, major architecture refactors, and feature development
- Collaborated with backend engineers to build stable integrated systems for a massive consumer fitness product (80k+ DAU)
- Helped communicate and fix device specialization issues, specifically with iOS and Android design patterns and models
- Developed UI and unit tests for new and existing components

Pison, Boston, MA — *Software Engineering and Machine Learning Co-op, Junior Android Developer*

August 2019 -- July 2020

- Created and maintained consumer-grade accessibility app for people with ALS, raising over \$200k in funding after multiple demos
- Created and maintained app for data collection using Android BLE SDK
- Developed a prototype for a consumer application using Compose UI

PROGRAMMING

Android – Coroutines, Kotlin, Compose, Clean Architecture, JUnit, BLE, Jetpack, Kotlin Multiplatform, Flutter, Gradle, Roboelectric, Espresso

Python – Tensorflow/Keras, Tkinter, Scipy, Flask, OpenCV, Pandas

Other – SQL, Swift, Dart, Java, C/C++, Verilog, MIPS, x86, ARMv8, Unity, Git, MATLAB, GraphQL, Jira, Firebase, Bitrise, Figma, HTTP

PROJECTS

[Miss My Train](#)

Android application that compares walking times to MBTA predictions in gradient display

[Poke-Queue](#)

Android database connector app using Flask as an ORM to MySQL with custom endpoints for database operations

[Wallet Guru](#)

A simple finance tracker that sorts Reddit posts based on account performance for Android

[FridgePal](#)

Flutter app to display food expirations using asynchronous SQL operations

[Kanesthetic Learning](#)

Android app which displays an NFC beacon reader's locally stored information and connects results to REST API functions