Dan Peluso

Mobile Developer, Public Speaker

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EDUCATION

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

September 2017 -- May 2021

EXPERIENCE

Peloton, New York (Remote) — *Android Developer*

November 2022 -- Present

 ·Contributed early-stage Compose infrastructure and planning to the Android team, including atomic standard component development and architecture updates for legacy screens

·Worked on large scale (> 6 million users) experiments for UI refactors and interoperability performance using modern libraries

·Presented multiple architecture redesigns and educational resources

·Collaborated in hotfixes and release coordination on a weekly basis

WHOOP, Boston, MA — *Android Developer*

July 2020 -- December 2020, July 2021 -- September 2022

·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

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/Flutter, Java, C/C++, Verilog, MIPS, x86, ARMv8, Unity, Git, MATLAB, GraphQL, Jira, Firebase, Bitrise, Figma

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

Kanesthetic Learning

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

PRESENTATIONS

Compose Interoperability

·Droidcon NYC 2023

Creating a Flutter Portfolio

·DevFest UMass Boston 2023

·DevFest Boston 2023