

PATRICK MARTIN

ANDROID ENGINEER

✉ patrickmartin88@gmail.com
☎ 5593045123
📍 Oakland, CA

🐦 patrykwolff
in linkedin.com/in/
/patrickjpamartin/
🌀 vespertinesiren

SKILLS

Programming Languages: x86 Assembly, Python, Kotlin, Java, C#, C++

Libraries and Technologies: Design Patterns, Algorithms, Data Structures, Git, OpenGL, Android SDK, Android Jetpack, Android Studio, Github, SQL, SQLite, Picasso, Glide, Dagger 2, RxJava 2, Room, Retrofit, Okhttp, Moshi, Espresso, Mockito, Json, Gson

Digital Marketing: Market Research, Community Management, Social Media Management, Content and Copywriting, Blogging

EMPLOYMENT

VIZ MEDIA

Android Mobile Developer

San Francisco, CA
Feb. 2020 to Present

- Brought on as an Android consultant and devised a roadmap on how to improve the quality of the app while taking the customer's needs into consideration.
- Redesigned the VIZ/Shonen Jump UI while adhering to Material Design guidelines. Some additions include: DayNight mode implementation, overhaul of styling resources to be more in line with Material Design's naming convention, custom animations
- Refactored many activities to Kotlin while leveraging best-practices such as coroutines, Glide, Android JetPack and gang-of-four design-patterns.
- Pitched, designed, and implemented a "continue reading" feature that allows user to rank and delete manga with a drag-and-drop gesture that is later persisted with Room database.

LAMBDA SCHOOL

Team Leader - Endorsement Unit

Oakland, California
Dec. 2019 to Feb. 2020

- Led daily challenges that covered widely used data structures/algorithms and coached students on code challenge strategy & technique; students who participated in these sessions received an average score of 80% on school mandated HackerRank tests
- Led 1:1 tutoring sessions and code reviews for struggling students; roughly 75% of these students passed mock technical interviews on their first attempt
- Maintained among the highest interview and HackerRank pass rate out of all other Endorsement Team Leads, 0% of students supervised achieved their "Lambda Endorsement" within 4 weeks

Section Leader - Android Mobile Development

Oakland, California
Mar. 2019 to June 2019

- Managed two Project Managers and seventeen students in AND2 Section of Lambda School
- Audited code reviews to ensure that quality and accurate feedback is given to students
- Facilitated feedback and communication between students and instructor
- Worked closely with the instructor to implement student feedback into an ever-evolving curriculum
- Identified and organized support for struggling students
- Worked with students and teaching assistants to debug Java/Kotlin code for Android mobile development
- Provided supplemental knowledge for modern mobile development. Topics include: RxJava, MVVM, Retrofit, etc.

PERALTA COMMUNITY COLLEGE DISTRICT

Computer Science Tutor

Oakland, California
Jan. 2017 to Dec. 2018

- Assisted students in computer science concepts: object-oriented programming, data structures, graphics programming, memory management, etc
- Identified and implemented strategies for students to understand syntax and logic of programming in C, C++, C#, Java, and Python
- Reviewed material assigned by student's instructors and guided students to answers appropriate to their homework objectives
- Created lesson plans and exercise sets for students in preparation of quizzes and exams

LANEY COLLEGE

Computer Science Lab Technician

Oakland, California
Aug. 2016 to May 2017

- Provided assistance for students struggling with the structure, logic and syntax of C and C++
- Guided students through their initial setup of their Raspberry Pi: security, software installation, updates, command line, etc.
- Demonstrated the setup and library linking of Visual Studio 2017/2015 in preparation for initial homework and final projects

PROJECTS

SAUTI ANDROID MOBILE APP

July 2019 to Present

This project is a Lambda Labs project in partnership with Sauti, a nonprofit dedicated to providing trade and market information that empowers East Africa's woman-led SMEs to trade legally, safely, and profitably across borders. Built using Kotlin, MVVM, Dagger, Retrofit, RxJava, Room, Android Jetpack, Gson, Espresso, Robolectric and Material Design.

- Served as one of the two mobile developers in a three person team with a deadline of 8 weeks.
- We determined that users weren't persistently online so we used a combination of RxJava and the repository pattern to pull data online or from the Room database.
- Recent Searches and Favorites were added to bring more functionality that was lacking in the SMS menu tree.
- Partial translations in Swahili and Luganda/Ganda to serve more communities in the East African Community.
- Achieved the title of Most Compelling Application for the Labs 14 Demo Day.

EDUCATION

Lambda School

Mobile Development - Android 2019

Nov. 2018 to Nov. 2019

Berkeley City College

Computer Science

3.6 GPA

June 2016 to Sept. 2018

AWARDS

Lambda School · LAMBDA SUMMER HACKATHON 2019 - MOST POLISHED UI

July 2019

This award was given for the Satoshi's Law Android App, an invoicing app that uses bitcoins as the primary source of payment.

Lambda School · LABS DEMO DAY - MOST COMPELLING APPLICATION

Aug. 2019

Through peer voting and points accrued from professional judges, the Sauti Android App was able to earn this esteemed title. This award grants this team a spot on the quarterly demo showcase.