

ROD MESQUITA

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I am an analytical and creative Software Engineer passionate about building Android apps with well-designed UX and maintainable code. My signature app, *vopio.info*, makes college resources truly accessible.

WORK EXPERIENCE

Arbormoon Software, Inc. (ASI) | Ann Arbor, MI (Jul 2017 - Jun 2018 · 1 yr)

Android Software Engineer

- Taught workshops to over 100 guests on the pros/cons and how/why to build Android apps
- Built apps that track multiple beacons with different protocols at the same time (BLE)
- Utilized the Android BLE API extensively with beacons and BLE-enabled workout machine
- Implemented an entire app in Kotlin
- Migrated projects to new Android Architecture Components
- Implemented Firebase Cloud Messaging, Analytics, and Real Time Storage on multiple apps
- Implemented localization for project with over 900 words/expressions
- Worked directly with QA team to debug and document features
- Upgraded projects to follow best Android practices for stability and reliability
- Worked closely with UX/UI team to ensure project designs met or exceeded client expectations
- Worked with other engineers on documentation for in-house SDKs/AARs
- Utilized Postman to test and develop APIs

Vopio - Startup | Southfield, MI (Jan 2014 - Jun 2017 · 3 yrs 6 mos) - Download app from vopio.info

Team Leader & Chief Android Developer

- Patented method to develop speech-based and accent-aware vocabulary builder
- Built wearable far-field speech recognition prototypes
- Developed Android application following the Agile methodology
- Utilized GitHub to track dozens of prototype iterations
- Published and maintained application in the Google Play Store
- Released dozens of updates based on Crashlytics and in-person customer feedback
- Won \$2,500 in funding from Lawrence Tech business incubator program

EDUCATION

Lawrence Technological University | Southfield, MI (2018 - 2020)

BS in Computer Science (anticipated 2020)

Oakland Community College | Farmington Hills, MI (2014 - 2017)

AAS with focus on Android Development

SKILLS

Platforms: Android Studio, GitLab, GitHub, Firebase, Visual Studio, Azure

Languages: Java, Kotlin, C++, C#

HOBBIES

Tech Collection

Due to my lifelong fascination with technology and speech recognition, I have a collection with:

- All major types of microphones
- World's first and smallest wearable Android phone with 1.4-inch screen