

BASIL HAVENS

ANDROID DEVELOPER

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in basilhavens

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Experienced Android developer with Java skills looking for ways to bring the world closer together with great mobile apps. On-point communication within diverse teams while also working well independently. Thrilled to continue delivering quality apps for you!

Skills

Android, Animations, Coroutines, Custom Views, Data Binding, Debugging, Design Patterns, Espresso, Firebase, GitHub, GraphQL, Gradle, Java, JSON, JUnit, JVM, Kotlin, Live Data, MVVM, Picasso, Room, SQLite, Notifications, OAuth2, REST APIs, RecyclerViews, Retrofit, UI, Unit Testing

Apps

Chanter Music Notes

05/2022 - Present

Android app for practical application of learning to play this instrument

Kotlin | Custom View | Extended Class | Enums | Threads | Animations | Full Screen

- Custom views, extended classes, and enums for better code organization
- Timers implemented to regulate length of practice and speed of each music note
- Extension methods to keep code readable and clear

Movie/TV Delight

06/2020 - 07/2020

Android app showcasing REST API, DataBinding, and Navigation

Kotlin | RecyclerViews | MVVM | ViewModel | Live Data | Room | OkHttp | Picasso

- REST for accessing TMDb Movie API
- SwipeRefreshLayout to renew view and data
- Data binding and SharedPreferences to do alternate ways of interacting with the app

Treasure Hunt

04/2020 - 05/2020

Android app for CS concepts like blockchain, BFS, and 8-bit CPU programming

Android Studio | Kotlin | Retrofit | Fragments | Coroutines | Room | Picasso

- Hidden computer science concepts like blockchain and breadth-first search
- Drew map using a custom view directly on the canvas
- Listened asynchronously for the completion of work using callbacks

Community Calendar

12/2019 - 02/2020

App to empower local organizers to push events to their communities [Play Store]

Android Studio | Kotlin | MVVM | Room | OkHttp | Picasso | Espresso | Auth0

- Executed in 2 months with a cross-functional team: 3 Android & 6 Web/UX/iOS
- Planned extensively with mockups, Trello user stories, research, & UX guidance
- Pair-programmed, built up the UI and dialog fragment along with action intents

Health Chaser

05/2019

App for daily activity logging in 8 categories like sleep time and workout regimens

Android Studio | Java | Firebase | Live Data | OpenWeatherMap API | Drawer Layout

- Contributed solely to this original idea which can also support multiple users
- Refreshed weather data to log activity notes regardless of location
- Integrated Google login, animated GIFs, cloud persistence, and sound effects

Employment

Android Developer - Walmart Global Tech

Remote - 02/2022 - Present

- Add features and components to Android e-commerce app
- Improve code flow and separation of logic
- Fix issues or bugs reported by other teams and customers
- Write GraphQL queries to access backend systems
- Run Splunk queries to check on performance and analytics
- Investigate Firebase crashes and ANR issues

Android Developer - Kroger Technology

Remote - 04/2021 - 02/2022

- Refactored the fragments and viewmodels in Android app
- Investigated crashes, eliminated bugs, and streamlined UI
- Increased whole app test coverage by 10%

Android Developer - Edison Interactive

Remote - 06/2020 - 04/2021

- Created a full-featured music module using radio.com (Audacy) API in an Android app
- Implemented Android canvas, RxJava, coroutines, and GPS data into a golfing cart app
- Integrated the Samsung Knox SDK on the Android portion of a Flutter app
- Built Google Maps navigation functionality into Android/Kotlin and Flutter/Dart

Team Lead, Android - Lambda School

Remote - 07/2019 - 11/2019

- Developed Android applications using Java and Kotlin for use in tandem
- Taught Android development with Kotlin and Java in instructional power hours
- Reviewed code submissions via GitHub and provided feedback and suggestions

Education

Lambda School

03/2019 - 04/2020

Android Development 2020

A 9-month computer science & software engineering academy that provided an immersive hands-on curriculum with a track focused on Android development

University of Washington

06/2012 - 06/2014

BA Germanics & European Studies 2014