BASIL HAVENS

ANDROID

DEVELOPER

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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,

Notifcations, OAuth2, REST APIs, Recycler Views, Retroft, UI, Unit Testing

**Employment**



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| Android Developer - Walmart Global Tech | Remote - 02/2022​- Present |
| Add features and components to Android e-commerce app |  |
| Improve code fow 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 golfng 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



**Apps**



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| --- | --- |
| [Walmart App](https://www.basilhavens.com/portfolio/walmart-app/) | 02/2022​- Present |
| Android ecommerce app developed by Walmart of which I was a contributor |  |
| Kotlin | GraphQL | MVVM | ViewModel | Delegates | ADA | Analytics | API | Coroutines |  |
| Shop Similar feature which fetched a list via GraphQL query to display a tiles of products |  |
| Product Gallery feature which displayed a vertical list of hero images which was collapsable |  |
| Subscription enhancement requiring an API update, fresh logic, and a new bottomSheet |  |
| [Chanter Music Notes](https://www.basilhavens.com/portfolio/chanter-music-notes/) | 05/2022​- 02/2023 |
| 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](https://www.basilhavens.com/portfolio/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](https://www.basilhavens.com/portfolio/treasure-hunt/) | 04/2020​- 05/2020 |
| Android app for CS concepts like blockchain, BFS, and 8-bit CPU programming |  |
| Android Studio | Kotlin | Retroft | Fragments | Coroutines | Room | Picasso |  |
| Hidden computer science concepts like blockchain and breadth-frst search |  |
| Drew map using a custom view directly on the canvas |  |
| Listened asynchronously for the completion of work using callbacks |  |
| [Community Calendar](https://www.basilhavens.com/portfolio/community-calendar/) | 12/2019​- 02/2020 |
| App to empower local organizers to push events to their communities |  |
| 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



**Education**



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| 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

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| University of Washington | 06/2012​- 06/2014 |

BA Germanics & European Studies 2014​