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

**Apps**



[Chanter Music Notes](https://www.basilhavens.com/portfolio/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](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



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| [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 [[Play Store]](https://play.google.com/store/apps/details?id=com.lambda_school.community_calendar) |  |
| 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](https://www.basilhavens.com/portfolio/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 efects



**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



**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​