BASIL HAVENS

ANDROID

DEVELOPER

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Android developer with experience in a range of languages and technologies. Proven delivery of apps to ll utility gaps. Works well in team settings and building rapport with a diverse set of people as evidenced by prior work, yet self-motivated and dedicated when solo too. Excels in dynamic environments and helps foster strong ties with colleagues while coding to solve the needs of the business.

**Skills**

**ANDROID:** Android, Java,Kotlin, Gradle,

Android Studio, Animations, Debugging, Design Patterns, Espresso, Firebase, Coroutines, Writing Tests, JSON, JUnit, JVM, Live Data, MVC, MVVM, Room, SQLite, Noti cations, OAuth2, REST APIs, JUnit, Recycler Views, Retro t, Unit Testing

**COMPUTER SCIENCE:**

Data Structures,

Sorting Algorithms, OOP,

Computer Architecture

**ADDITIONAL:** Python, SQL,

Spring Boot, Maven, GitHub,

C#, PowerShell, IntelliJ IDEA,

PyCharm, Visual Studio,

Trello, RabbitMQ

**Volunteering**

Lambda School · 04/2019

Meetup -

Coordinator Present

Seattle, WA

Organize monthly in-person meetups for students and alumni in a variety of activities

**Projects**



|  |  |
| --- | --- |
| [Treasure Hunt](https://basilhavens.com/portfolio/treasure-hunt/) | 04/2020 |
| Android app for CS concepts like blockchain, BFS, and 8-bit CPU programming | |
| Android | Kotlin | Retro | t | Fragments | Coroutines |
| Focused exclusively on the frontend for an existing backend MUD | |
| Drew map using a custom view directly on the canvas | |
| Listened for the completion of the work in dialog fragment with callbacks | |
| [Community Calendar](https://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 | Kotlin | MVVM | Room | OKHttp | Apollo | GraphQL | 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://basilhavens.com/portfolio/health-chaser/) | 05/2019 |

App for daily activity logging in 8 categories like sleep time and workout regimens Android | Java | Firebase | Live Data | OpenWeatherMap API | Drawer Layout

Contributed solely to this original idea which can also support multiple users



Refresh weather data to log activity notes regardless of location



Integrated Google login, animated GIFs, cloud persistence, and sound e ects



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| --- | --- |
| [Simpsons Says](https://basilhavens.com/portfolio/simpsons-says/) | 04/2019 |

App to show a character quote from the animated TV show *The Simpsons*

Android | Java | JSON | OAuth2 | Fragments | RecyclerViews

Solely responsible for the frontend for the team working on the backend



Implemented login screen to the backend using OAUTH2 authentication



Featuring search capability and quote generation via Machine Learning



**Employment**



|  |  |
| --- | --- |
| Lambda School | Remote |
| Team Lead | 08/2019 - 12/2019 |
| Led a team of ~5 Android students in a work setting using Agile methodology | |
| Facilitated daily standup meetings to share ideas and work progress |  |
| Delivered one-on-one feedback and code reviews on a daily basis |  |
| NanoString Technologies, Inc. | Greater Seattle, WA |
| IT Technician | 01/2019 - 03/2019 |
| Resolved software/hardware issues from the help desk via e-mail and in-person | |
| Administrated Windows Server Management and Active Directory |  |
| Programmed new Cisco phones and troubleshot broken ones |  |
| Propagated the entire company address book into every Ricoh Printer |  |
| Chess4Life | Bellevue, WA |
| Chess Instructor | 05/2017 - 12/2018 |



Oversaw tournaments and quads as a tournament director



Taught the game of chess to children in classes and camps



Submitted tournament results using the *SwissSys* software



**Education**



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| --- | --- |
| Lambda School | 03/2019 - 04/2020 |

Android Development 2020

CS & Software Engineering academy providing an immersive full-time 40 hour/wk Android development track

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

BA Germanics & EU Studies 2014

Dean's List every quarter | Cum Laude

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