David Albers

linkedin.com/in/davidgalbers ● github.com/davidalbers

EDUCATION

University of Tulsa Tulsa, Oklahoma   Graduated May 2016

Bachelor of Science in Computer Science, GPA: 3.9

EXPERIENCE

Expedia   Chicago, IL
Android Developer   Jan 2018 - Now

Added new features to Expedia's Android app, primarily in Kotlin

Used Jetpack Compose to build a framework of reusable UI components

Integrated a new GraphQL API using Apollo Android

- migrated lodging LOB from REST to GraphQL
- built new features across lodging, homescreen, and trip LOBs using GraphQL

Helped bring Expedia's design system to Android

- Wrote design system tokens and code for system's Android library
- Built custom `Views` adhering to the system

Combined above system & API in server-driven UI for flexible UI that removes client logic

Wrote blog posts and gave presentations to other devs about design system and GraphQL

Wrote integration tests using Robolectric, helped convert existing code to MVVM

First Orion   Little Rock, AR
Android Developer   Nov 2016 - Dec 2017

Handled push messages from both Google Cloud Messaging (GCM) and Firebase

Utilized Realm for efficiently storing and reading large amounts of data

Wrote UI and unit tests in Espresso, Mockito, Calabash, & Appium

Used Jenkins to automate builds and unit testing

Generated code coverage reports with Jacoco and Sonarqube from Jenkins

CymSTAR   Tulsa, OK
Intern then Software Engineer   Jan - Nov 2016

Debugged and solved issues caused by upgrading real-time OS (VxWorks) on A-10 simulator

Added functionality to Instructor Operating Software to improve simulator control

InvoTek   Alma, Arkansas
Software Intern   Aug 2011 - Jan 2016

Created accessible user interfaces by providing alternative access methods

- E.g. keyboard shortcuts, scanning/switch input, eye-tracking

Implemented Bluetooth communication in apps and developed custom Views in Android

Installed products for clients and demonstrated how to use products

PROJECTS *(viewable on github.com/davidalbers)*

White Noise Plus (Android & iOS)

- Useful and simple white noise app
- Available on Play Store and App Store

Podmark (iOS)

- "Bookmark" podcasts
- Available on App Store