

David Albers

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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

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

Implemented additional constraints for scheduling genetic algorithm in C

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)

- White noise app focused on useful, simple features
- Available on Play Store and App Store