Liam Niehus-Staab

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Experience

Software Engineer II (iOS)
HONEY (PAYPAL)

Full Remote
February 2021-Present

- Developed UI for product detail and checkout pages using Swift and Xcode for the Honey iOS app.
- Led the design and implementation of automated translation system for both mobile teams, saving 6 hours of dev time each release.
- Implemented new toast notification UI, causing a 40% increase in iOS checkout flow engagement.
- Helped port the Honey iOS app from React Native to native Swift.
- Created shared CI/CD distribution pipeline to make sharing SDKs between Honey and PayPal possible.
- Led multiple team culture/bonding activities, including regular bookclub and happy hour meetings.

Software Engineering Intern (Android)
HONEY (PAYPAL)

Boulder, CO (remote)
June 2020 - September 2020

- Fixed critical app accessibility issues for screen readers, keyboard navigation, and large font sizes
- Developed and maintained automated UI tests using Espresso and MockK for key parts of the app
- Built a showcase of custom UI components in Kotlin, enabling greater reuse and easier tweaking of their functionality

Head of Android Development
GRAMMIEGRAM LLC

Grinnell, IA
August 2018 - June 2019

- Created a proof-of-concept mobile app in Java that mirrored the behavior of the GrammieGram web app
- Led a team of three engineers in an Agile environment, with a test-driven approach
- Developed REST API in Python with Django for use in iOS and Android apps

Senior Member, Android
APPDEV CLUB, GRINNELL COLLEGE

Grinnell, IA
January 2018 - May 2020

- Maintained the Grinnell-Directory Android app, used by staff and students of Grinnell College
- Wrote tests using JUnit, Mockito and Espresso to support a large Java code base

Projects

partyq Android App
(SIDE PROJECT)

Summer 2020 - Spring 2021

- Distributed music queue mobile app that connects guests via bluetooth and wifi and plays music through the Spotify dev SDK
- Developed in Kotlin using MVVM design pattern and released as open source
- Used Firebase for analytics + monitoring and beta release distribution
- Used GitHub Actions and Fastlane tools to automate releases to the Play Store
- See project at https://github.com/niehusst/partyq
- See on Google Play Store at https://play.google.com/store/apps/details?id=com.niehusst.partyq

Education

Grinnell College
BACHELOR'S DEGREE

Grinnell, IA
Graduate of the Class of 2020

- Computer Science Major
- Major GPA: 3.76   Overall GPA: 3.6

Skills

Programming Languages	Swift, Kotlin, Python, Java, JavaScript, Ruby
Web	Django, APIs
Mobile	Android Native, iOS Native