

# Liam Niehus-Staab

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## Experience

### Software Engineer II (iOS)

Full Remote

HONEY (PAYPAL)

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)

Boulder, CO (remote)

HONEY (PAYPAL)

June 2020 - September 2020

- Fixed critical app accessibility issues for screen readers, keyboard navigation, and large font sizes
- Developed and maintained automated UI tests 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

Grinnell, IA

GRAMMIEGRAM LLC

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

## Projects

### partyq Android App

Summer 2020 - Spring 2021

(SIDE PROJECT)

- Distributed music queue mobile app that connects guests via bluetooth and wifi and plays music through the Spotify API
- Developed in Kotlin using latest design principles and best practices in Android, and released as open source
- 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>

### Compliance Accomplice

October 2018

HACKUIOWA

- Developed email middleware using Python to detect and prevent SEC compliance violations using Natural Language Processing
- Won “Best Commercial Potential” and “Best use of Google Cloud” awards
- See project at <https://github.com/niehusst/ComplianceAccomplice>

## Education

### Grinnell College

Grinnell, IA

BACHELOR'S DEGREE

Graduate of the Class of 2020

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

## Skills

**Programming Languages** Swift, Kotlin, Java, Python, JavaScript, C/C++

**Mobile** Android Native, iOS Native