

# ALEXANDER CHIOU

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## WORK EXPERIENCE

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### Robinhood

March 2021 – January 2022

#### Tech Lead

- Led the migration of Robinhood settings (250k+ daily users) to a server-driven framework on Android, iOS, and web
- Led the redesign of the Robinhood profile page on mobile to better display the user's account balances

### Facebook

May 2017 – March 2021

#### Mobile Client Tech Lead

- Mobile client tech lead for all of IG Core Ads Product (~15 engineers)
- Shipped multiple \$100M+ revenue products in IG Story Ads, including dynamic product and expandable carousel ads
- Mentored 10+ engineers from junior to senior, many of whom went up a rating band every half within Facebook's very competitive performance review environment. Managers would delegate growth of their engineers to me
- Defined and owned the oncall structure for all of IG Core Ads Mobile (~25 engineers across both iOS and Android)
- June 2017 – July 2018: Built the entire Facebook voice assistant for the Facebook Portal from scratch

### Course Hero

August 2015 – May 2017

#### Android Tech Lead

- Built Course Hero's Android app from scratch in Java, growing it to 100k users with 3,000+ ratings and a 4.5 average
- Continue owning the entire Android app, reviewing all code, responding to all customer reviews, managing the app deployment, providing architecture review on every major feature, and driving roadmapping
- Owned the interview process, documentation, and culture of the Android team, growing it to 4 engineers from just myself. Single handedly built the entire Android documentation base, writing 35+ pages of documentation

### PayPal

July 2014 – July 2015

#### Software Engineer

- Added feature to the PayPal app allowing users to hands-free check-in at partnered merchants with Cisco MSE
  - Maintained and developed for RESTful Java backend powering PayPal's charitable platforms, PPGF and PPCC
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## PROJECTS

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### Random Name Picker (Android Application)

July 2015 – Present

- 1,100,000+ downloads in the Google Play Store with a 4.6 rating after 5,600+ reviews
- Clean, simple Java app with backported Material Design, featuring many customization options such as chosen name announcement, renaming/editing/deleting for both lists and names, and several choosing options like presentation mode

### Simple Flashcards Plus (Android Application)

July 2016 – Present

- 190,000+ downloads in the Google Play store with a 4.6+ rating after 2,900+ reviews
  - Full-stack Java app for creating and studying flashcards, powered by a Node.js REST API with a PostgreSQL database
  - Supports a massive array of flashcard features, including the ability to take pictures of textbooks/notes to create flashcards using machine learning library TensorFlow for OCR (Optical Character Recognition)
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## EDUCATION

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### University of California, Los Angeles

Graduated June 2014

Bachelor of Science, Computer Science