

# Andrew Tran

drewtran.com

atran@alumni.princeton.edu

+1 503 334 9976

## BYLINE

Software engineer with multidisciplinary training and industry experience writing production code for scalable systems and high quality tools.

## EXPERIENCE

### Nextdoor

#### Full Stack Engineer · Aug 2016 - Aug 2018 · San Francisco, CA

The primary focus of my tenure was on ensuring and improving the health and sophistication of our ads codebase. These responsibilities included serving as the tech lead on Nextdoor ads tooling, designing flexible internal APIs for our growing suite of internal operations and sales tools, and providing end-to-end support for our booking and delivery pipeline. As one of the first members of Nextdoor's monetization team, I also built and launched v1.0 of the company's Sponsored Posts product in the native Android app, and was part of the initial effort to transition the frontend codebase from Backbone to React.js.

*Tech stack: Django, React.js, Postgres, Redis, Docker, webpack, Hive, Presto*

### Kleiner Perkins

#### Engineering Fellow · Summer 2015 · Menlo Park, CA

Silicon Valley's most competitive internship program for undergraduate engineering and design students.

### Nextdoor

#### Software Engineering Intern · Summer 2015 · San Francisco, CA

As part of the company's first official intern class, I worked across all levels of our core Android product with responsibilities that included building high quality, scalable mobile interfaces, creating critical mobile infrastructure and instrumentation, and managing our company-wide mobile product releases.

*Tech stack: Java (Android), Robolectric, OkHttp, Jackson, CircleCI, Django*

### Hong Kong University of Science and Technology

#### Software Engineering Intern · Summer 2014 · Hong Kong

In partnership with the Hong Kong International Airport and Hong Kong's Cyberport initiative, I designed and implemented an Android sensor fusion library as part of a more extensive lab effort to provide inertial navigation in interior offline settings.

*Tech stack: Java (Android)*

## EDUCATION

### Duke University

2018 - Present · Durham, NC

M.A. in Chinese Literature

### Princeton University

Class of 2016 · Princeton, NJ

B.S.E. in Computer Science

### University of Oxford

Summer 2013 · Oxford, UK

Programme in Medieval Studies

## LANGUAGES & TECH

### Very comfortable with

Python/Django, Javascript/React, Postgres

### Have worked on production systems using

Java/Android, Docker, webpack, Redux, Hive, Presto