Andrew Tran

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BYLINE

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

EXPERIENCE

Otis
Software Engineer · Sep 2019 - Present · New York, NY

Lead backend engineer at a boutique firm building a gallery, brokerage, and marketplace for contemporary art and cultural assets. Designed the ledger to support fractional purchasing; architected the mechanics to enable live trading on the secondary marketplace; built distributed task queueing system that processes 100+ unique async tasks; designed a simple ETL pipeline providing denormalized data for quick lookups.

Tech stack: Django, React Native, Postgres, Redis, Docker, Metabase

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 pipline. 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

EDUCATION

Duke University
2018 - 2020 · Durham, NC
M.A. in Critical Asian Humanities

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, TypeScript/React Native/Redux, Postgres

Have worked on production systems using
Java/Android, Docker, webpack, Hive, Presto, Metabase