

Zhi Pan

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EDUCATION

University of California, Berkeley

Expected May 2019

- B.A. Computer Science, Minor Statistics.
- *Selected Coursework:* Probability & Random Processes, Concepts of Statistics, Efficient Algorithms & Intractable Problems, Artificial Intelligence

EXPERIENCE

Bolt (on-demand logistics network - shipwithbolt.com), React Native & Full Stack Engineer

April 2017 - August 2017

- Built and architected the carrier app (Uber driver app equivalent for freight truck drivers) for iOS and Android in React Native.
- Built a native module for reliable background location tracking on Android carrier app with robust handling of doze mode and app standby mode using periodic silent push notifications from our server.
- Built a PDF generator server for creating dynamic, complex, and beautiful PDF's so customers and drivers can sign and store their paperwork digitally. Over 1,000 shipments have gone paperless since it's been implemented.
- Built tracking dashboard for customers to track their shipments and an analytics and location tracking dashboard to manage our freight truckers (React + Redux)

Skurt (rental cars on-demand; 10M Series A - skurt.com), React Native & Full Stack Engineer

May 2016 - March 2017

- Built and architected the driver app (Uber driver app equivalent for rental car valets) for iOS and Android in React Native.
- Co-led the driver operations team. Built tools and processes to: better recruit drivers, efficiently dispatch deliveries, increase car turnaround, and maintain a healthy ecosystem so our contractor drivers will stay on our platform. Onboarded 500 drivers, reduced average turnaround from 2 hours to 30 minutes, over 10K deliveries and 30K tasks (cleaning/fueling/inspection) completed on driver app.
- Worked on internal car management system (React) for tracking where all our rental cars are and manage turnaround (cleaning/fueling/inspection).
- Built the Skurt Prepaid Card system (Python Flask & PEX Card API) to programmatically authorize purchases at car washes and gas stations for our drivers. Similar to the prepaid card system that Postmate couriers use to pay for food at pickup.

Gradescope (gradescope.com), Frontend Developer Intern

December 2014 - September 2015

- Built Gradescope's responsive landing page in SLIM, SASS, jQuery. *Still live as of Jan 16, 2018 if you want to see it!*
- Designed, built, and user tested Gradescope's onboarding for its professors (CoffeeScript and jQuery). Built a custom walkthrough library for creating a sequence of popovers that progress after certain actions (eg. marking an answer as correct)—in the same spirit as Slack's onboarding.
- Built a parser and text editor that converts text to online exam questions (think Markdown for writing tests) in HTML, CSS, jQuery and CoffeeScript.
- Built the frontend of the grading workflow in SLIM, SASS, CoffeeScript, and Ruby on Rails.

SELECTED PROJECTS

3ball (www.3ball.io)

December 2016 -

Present

- Google for NBA plays: search for a play and it'll find all clips from the last 2 years (eg. LeBron dunks against Warriors).
- Heavily used by sports journalists, with have over 6 million pageviews from embeds on websites like Bleacher Report.
- Designed frontend UI in Sketch; built the frontend in React & Redux and backend in Node. The clips were scraped from the NBA's website.

Slack Threads (bit.ly/slackthreads)

- A working prototype of Slack with threaded messages, built from scratch in Ruby on Rails (Slack released their own version of threaded messages a year later). Check out the demo video at bit.ly/slackthreads !

ACTIVITIES

Director, Cal Hacks Hackathon

- Organized the country's largest hackathon (2,000 students) in Fall 2015. Worked on sponsorship and made the website.

Co-Founder, Diced

- Cheap subscription meal kits for lazy college students (Free Ventures Spring 2016 batch).

SKILLS

Languages: strongest w/ Javascript, HTML/SLIM, CSS/SASS, fluent with Python, Ruby, Java, and C

Frameworks/Libraries: React Native, React, Node.js, Ruby on Rails, jQuery, Flask