

Canzhi Ye

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Education

B.S. Electrical Engineering and Computer Science, Minor History, UC Berkeley. Expected 2018.

Experience

Basketball Analytics Associate, Brooklyn Nets

5/2017 - Present

Working on (secret) data science projects to help the Nets make better decisions both on & off the court. Used Jupyter notebook, pandas, scikit-learn, edwardlib, R, SQL, d3.js, ReactJS.

Co-Founder / CTO, Photon

7/2016 - Present

Founded a company to build software for the solar industry. Joined an accelerator called Powerhouse. Acquired paying customers and closed deal with largest US solar distributor. Built iOS app from ground up. Developed image processing algorithm to measure shade loss on solar panels. Transitioning to side project as of January 2017. ([The Story](#))

Software Engineering Intern, Nextdoor

5/2016 - 8/2016

Worked on Nextdoor businesses product, backend (Django/Postgres) & frontend (Backbone.js). Built a suite of internal tools, including Slack bots, from the ground up to support the launch of business experience on Nextdoor. Added 3D touch features to iOS app. ([My experience](#))

iOS Intern, Rise

5/2015 - 8/2015

Worked on core features of Rise iOS app, which provides affordable 1:1 nutrition coaching. Refactored hacky infrastructure into more standard iOS practices. Built customizable and extendable sharing sheet used throughout app. Created new onboarding flow to minimize abandoned cart. Worked on tools to grow Instagram followers 2x. Wrote all Swift and lead the migration effort to Swift 2. Later acquired by One Medical. (rise.us)

iOS Intern, One

7/2014 - 12/2014

Built One's new iOS app, After School, an anonymous messaging board for high schoolers, from the ground up and developed many of the core features. Implemented analytics throughout the app. Worked on custom animations. (afterschoolapp.com)

Selected Projects

3ball.io, 2016

Instant search to find the video clip for any NBA play. Built with React.js/Redux, hosted Elasticsearch, and NBA's (private) API. 2.2k followers on [Twitter](#). Over 1M impressions on videos embedded on Bleacher Report, etc. (3ball.io)

Hermes, Greylock Hackfest 2015

Winners of grand prize. Custom iOS keyboard that improves conversation productivity by surfacing relevant content in the autocorrect bar in any app on your iPhone. (canzhiye.com/hermes)

Leadership

Director, Cal Hacks

I was the logistics director for Cal Hacks 2.0 (Oct 9-11, 2015), which was attended by over 2000 hackers from over 100 schools across the country. I lead a team of 30 students on detailed execution of all aspects of the event. (calhacks.io)

Skills & Awards

KPCB Engineering Fellow 2016.

WWDC Scholarship Recipient 2015.

Cal Alumni Association Leadership Award 2014, 2015.

Have used Swift, Objective-C, Python/Flask/Django, Java, C, Node.js/ReactJS. Always comfortable learning new things.