

# Canzhi Ye

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## Education

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### University of California, Berkeley

August 2014 - May 2018 (Expected)

- B.S. Electrical Engineering and Computer Science, Minor History

## Experience

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### Brooklyn Nets (NBA team), Basketball Analytics Associate

May 2017 - Present

- Working on stuff that I can't put on here.

### Photon ([tryphoton.com](http://tryphoton.com)), Co-Founder / CTO

July 2016 - Present

- Built software for the solar industry, specifically an iOS app to help installers optimize panel location on a roof.
- Developed image processing algorithm (python, OpenCV) to measure shade loss on solar panels.
- Raised money from an accelerator. Acquired paying customers & closed deal with largest US solar distributor. ([The Story](#))

### Nextdoor, Software Engineering Intern

May 2016 - August 2016

- Worked on Nextdoor for businesses, backend (Django/Postgres) & frontend (Backbone.js).
- Used ElasticSearch to make disparate databases of businesses easily searchable.
- Designed and implemented a suite of internal tools to help monitor the beta launch of business experience on Nextdoor.
- Added 3D touch features to iOS app.

### Rise (Later acquired by One Medical), iOS Engineering Intern

May 2015 - August 2015

- Worked on core features of Rise iOS app, which provides affordable 1:1 nutrition coaching. Wrote all Swift and lead the migration effort to Swift 2. 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 a smart like/comment-bot to grow Instagram followers 2x.

### One/AfterSchool ([afterschoolapp.com](http://afterschoolapp.com)), iOS Engineering Intern

July 2014 - December 2014

- Built One's new iOS app, After School, an anonymous messaging board for high schoolers.
- Implemented geofencing, designed news feed objects, and worked on custom iOS animations.
- Implemented analytics throughout the app. Nearly 1M signups in first couple months.

## Selected Projects

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### 3ball ([www.3ball.io](http://www.3ball.io))

December 2016 - Present

- 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 websites including Bleacher Report.

### Hermes ([canzhiye.com/hermes](http://canzhiye.com/hermes)), Greylock Hackfest 2015

- Winners of \$10,000 grand prize.
- Custom iOS keyboard using Apple's new API that improves conversation productivity by surfacing relevant content in the autocorrect bar in any app on your iPhone.

## Leadership

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### 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](http://calhacks.io))

## Skills & Awards

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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/d3.js. Always comfortable learning new things.