

# YIFEI HE 何一非

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F-1 student • Chinese citizen • he/him

## EDUCATION

**Stanford University**, Stanford, CA 09/2018 – present  
• Pursuing a Bachelor of Science degree in Computer Science, to be conferred 06/2022 GPA: 3.998/4.0

## HONORS/AWARDS

- Apple Worldwide Developers Conference (WWDC) 2016 and 2017 Scholarship Winners
- Google Code-in 2017 Finalist for Wikimedia

## EXPERIENCE

**Software Engineering Intern**, Expo ([expo.io](http://expo.io)) 06/2019 – 09/2019

- I added various features to Expo (a toolchain built around React Native to build iOS, Android, as well as web apps) such as rich push notifications support on iOS and Android, push notifications support in web browsers, and integration between Expo for Web and Next.js.
- Uses JavaScript (React & Node.js), Objective-C, and Java.

**CTO (06/2019 – present), Tech Team & Graphics Team**, The Stanford Daily 09/2018 – present

- I am teaching React in CS199P The Stanford Daily Tech Practicum
- I am designing and developing an archive website for the Daily's old newspapers using React
- I was in an independent study to improve the Daily's mobile app using React Native with three teammates
- I led a team of four to design and write the WordPress theme currently used on the Daily's website

**Webmaster & Graphic Designer**, HOPES ([hopes.stanford.edu](http://hopes.stanford.edu)) 02/2019 – present

- I design and manage the website of the Huntington's Outreach Project for Education at Stanford

## PROJECTS (COMPLETED)

**Cardio Debug** ([yhe.me/p/cd](http://yhe.me/p/cd)) 09/2016 – 05/2017

- I led two schoolmates to develop this low-cost invention based on Arduino to help the user to identify the health state of their autonomic nervous system and provide suggestions for them
- Technologies involved: Swift, Realm (for the iOS app); C++, Python (for the server-side data analysis)

**CO-CAR** ([yhe.me/p/co-car](http://yhe.me/p/co-car)) 04/2017

- I wrote this Swift playground book to teach users Swift programming as well as the concepts of debugging and testing, by letting them control Arduino model cars using Swift language

**Run Beacon** ([yhe.me/p/run](http://yhe.me/p/run)) 03/2016 – 06/2016

- I designed and wrote this iOS app which adopts iBeacon to replace manual checkpoint recordings during long-distance running competitions like marathons and provide real-time information to audiences
- Currently deployed in St. Stephen's College's cross-country competition for nearly a thousand students

## PROJECTS (ONGOING)

**App Developments** ([yhe.me/ios](http://yhe.me/ios)) ([yhe.me/android](http://yhe.me/android)) 05/2015 – present

- I have published eight apps on App Store and Google Play Store with 400,000+ downloads
- For example, "Learn Classical Chinese Poems at Your Fingertips 古诗一指弹" ([yhe.me/p/gushi](http://yhe.me/p/gushi)) is an iOS game that helps students to recite classical Chinese poems (*gushi*)

**Personal WordPress Blog** [arefly.com](http://arefly.com) (in Chinese) 09/2012 – present

- It has 300+ original technical articles, 4500+ comments, and 400+ daily unique visitors

## SKILLS

Programming: C++, Java, Swift, Python, R, PHP, HTML, CSS, JavaScript  
Languages: Mandarin (native), Cantonese, English