

**Yihong Zhang**<https://yihongz.me/>

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**EDUCATION****University of Washington**

Seattle

*B.S. in Computer Science, GPA 3.94**Sept. 2018—Est. Jun. 2022*

- Selected coursework: MATH 134-6 Accelerated Honors Calculus, CSE 421 Introduction to Algorithms, CSE 402 Design and Implementation of Domain Specific Languages, PHIL 472 Axiomatic Set Theory.

**EXPERIENCES****Thinktown Education Inc.**

Hangzhou, China

*Fullstack Intern**Jul. 2018—Nov. 2018*

- Initiated a word quiz system for students status tracking with Laravel and Vue.js as the main developer. Utilized modern toolkits like git and webpack to automate project deployment. Achieved 160k records in 1 mo with a daily amount of 8k. At the time I left, the project could cut off about \$100k/yr budget in place of mentors' manual work, confirmed by the product department's head.
- Assisted designs of Thinktown's college application process management system from scratch. Involved in developing prototypes to express the project structure. Collected and analysed users' requirement. Proposed an innovate structure design to effective classify business, which made the redesign of most UI/UX.
- Developed a submodule for internal client relationship management (CRM) to manage company's income flows.

**SheSaysForEquality**

Chongqing, China

*Cofounding Product Officer**Dec. 2017—Present*

- Cofounded SheSaysForEquality. Supervised event planing, process control, web media publicity, and some technology-related issues. Wrote the inaugural statement and built homepages for SheSaysForEquality.
- Hosted SheSays Summer 2018 on July 19–23, 2018. Invited talkers known in gender study and feminism field to spread knowledge of gender study and feminists' practice in the public domain.

**Jiuzhang (Ninechapter)**

Remote

*Teaching Assistant**Jul. 2017—Nov. 2017*

- Answered interview-oriented algorithm questions on Jiuzhang platform. Helped interviewees pass coding interviews and enter Silicon Valley companies.

**PROJECTS****Realm.js**

- Realm is a JavaScript DSL that employs Elm architecture for frontend functional reactive programming (FRP). Under Realm framework, developers can keep their models pure in a very intuitive way, which allows them to focus on the transition of data through various events, instead of managing side effects manually.

**HONORS****Rank 5**, International Collegiate Programming Contest Pacific NW Region*Nov. 2018***Rank 2**, ACM International Collegiate Programming Contest UW Qualifier Contest*Oct. 2018***Rank 1 (full score)**, Programming Ability Test, Zhejiang University*Sept. 2017***First Prize**, National Olympiad in Informatics in Provinces, Zhejiang, China*Nov. 2016***Dean's List**, University of Washington*Dec. 2018—Present***PROGRAMMING & L GL SKILLS**

- Algorithm & Data Structure • Web Development • Functional Programming
- Type Theory • Program Verification
- Languages: C/C++, Scala, Rust, Haskell, Java, Python, PHP, JavaScript, Coq, Racket, Standard ML,  $\text{\LaTeX}$ .