

# Zeyi Fan

## About me

Zeyi is a college student at San José State University majoring in computer science. He is a passionate and self-taught programmer with experience in both front-end and back-end development. He is always thrilled to learn new technologies and use them into work.

## Contacts

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## Skills

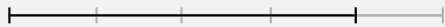
### Python



### JavaScript



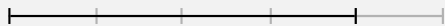
### Java



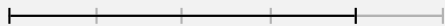
### Go



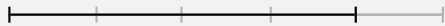
### C/C++



### Git



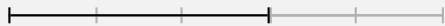
### TeX



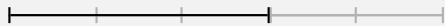
### Scala



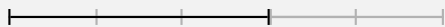
### Linux



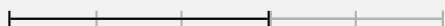
### Nginx



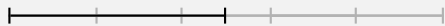
### VimL



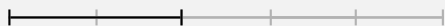
### PHP



### Ruby



### Haskell



## Education

### San José State University

B.S. Computer Science | GPA: 3.7 | Major GPA: 3.9 | Excepted May 2018

Relevant Coursework: Computer Architecture; Object-Oriented Design; Operating Systems; Programming Concepts and Paradigms.

## Work Experience

### Front-end Engineer

Beary Innovation | Shenzhen, China (remote) | April 2014 - July 2014

- Joined Beary Innovation as their first employee.
- Responsible for the entire front-end development.
- Built their front-end skeleton with AngularJS and CoffeeScript

### Back-end Engineering Intern

Douban | Beijing, China | April 2013 - August 2013

- Douban is an interest-based online community founded in 2003. It is the 10th largest website in China and it was invested by Sequoia Capital.
- Joined Douban as their youngest intern (during high school year).
- Responsible for developing an internal source code management system.
- Designed, and developed a REST service to encapsulate low-level git operations with Python, Flask, and libgit2/pygit2.
- Greatly sped up the performance of their source code management system relying on git operations.

## Projects

### Torchic

- The project is built for Google's CodeU program.
- Designed and built a high-performance crawler in Go with the ability to scale and disaster recovery. It can crawl 400 pages per minute with single process.
- Used Redis as index database and MySQL as document database.
- Implemented BM25 as ranking algorithm.
- Designed a responsive web page to serve search request for both mobile and desktop.
- The project is awarded Engineers' Choice judged by Googlers.

### Kaname

- Kaname is a desktop client for DoubanFM providing music streaming service.
- Built this project to explore Chrome's packaged application API.
- Gained more than 10,000 users and an average 4.5 rating on Chrome Web Store.
- Built with CoffeeScript and UnderscoreJS.

### Vulpix

- Vulpix is an online algorithm practicing system.
- Accepted C, C++ and Pascal program and the program will compile and run in a sandbox environment.
- Can effectively give feedbacks on time and memory performance of submitted program.
- Built with Python and Tornado as web framework.

## Awards

<b>Engineers' Choice</b> at CodeU, Google	Aug 2016
<b>2nd Prize</b> at Happy Day Hackathon, Douban	July 2013
<b>The Most Popular and Creative Prize</b> at Green Life Hackathon, Baidu	July 2013
<b>National 2nd Prize</b> at National Olympiad Informatics in Provinces, CCF	Dec 2012