

# Jason Yao

✉ [JasonYao@nyu.edu](mailto:JasonYao@nyu.edu)  
🐙 [github.com/JasonYao](https://github.com/JasonYao)  
🌐 [ln.com/in/JasonYaoNYU](https://ln.com/in/JasonYaoNYU)  
☎ +1 (949) 335-2639

## EDUCATION

### New York University

College of Arts & Science

BA in Computer Science (CS)

Expected Grad. May 2017

### Hong Kong International School

Grad. May 2013

## SKILLS

### Programming

Programming Languages:

Java, Python, C, JavaScript

Bash

Frameworks:

Django, NodeJS, Express

Databases:

SQL: PostgreSQL, MySQL

noSQL: MongoDB

Tools:

Git, Vim, npm,

travisCI, AWS-cli

### Languages

Native fluency:

English, Mandarin

## COURSEWORK

[Data Structures](#)

[Algorithms](#)

[Parallel Computing](#)

Object-Oriented Programming \*

Applied Internet Tech \*

## ACTIVITIES

Tech@NYU

Varsity Fencing (Men's Foil)

Phi Kappa Sigma Fraternity

## EXPERIENCE

### Ivy Tech Capital

Software Engineer Intern

Jun. 2016 – Aug. 2016

Beijing, China

- Designed & developed prototype Chinese-focused fantasy sports web service for start-up incubator team.
- Built out full product features in rapidly changing requirement environment via Python & Django web framework.
- Created presentable MVP to incubator investors, won 2nd place out of 10 teams.

### Phi Kappa Sigma Delta Phi Chapter

Technology Chair

Jan. 2015 – present

New York, NY

- Designed, developed, and maintained [organization website](#).
- Built abstraction layers in Python over NYU web services.
- Built [automated chapter meeting booker](#) in Python & Bash.
- Lowered production to \$0 USD for hosting by leveraging 3rd party services.

### HiVi Acoustics

Software Engineer Intern

May 2015 – Aug. 2015

Los Angeles, CA

- Helped build a new small [multi-lingual e-commerce platform](#) dealing with \$50,000+ USD in sales annually.
- Implemented frontend features in SASS & JS, backend framework with Laravel, PHP, and MySQL (LEMP stack).

## PROJECTS

### Java → C++ Transpiler

New York, NY, 2016 Fall

Team Leader of 5 tasked with building a transpiler in Java. Used SBT to build, JUnit for testing, and visitor + delegator design patterns. \*

### QR Item Finder

New York, NY, 2015 Fall

Technical Lead of 4 that built a [QR item finder service](#) with a focus on scalability. Used Django, MySQL, Nginx, and memcached.

### Meeter

New York, NY, 2017 Spring

[Chat webapp](#) using Node, Express, MongoDB, AWS-S3, socket.io, and a WebRTC library to connect university and high school students. (in progress)

\* Repo access available upon request