

Jason Yao

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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 hosting costs to \$0 USD 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