

JASON YAO

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EDUCATION

New York University

College of Arts & Science
BA in Computer Science (CS)
Grad. May 2017

SKILLS

Programming

Programming Languages

Java, Python, C, JavaScript,
Bash

Big Data Tools

(Py)Spark + Yarn, AWS EMR

Frameworks

Spring/SpringBoot, Django,
NodeJS, Express

Databases

SQL: PostgreSQL, MySQL
noSQL: MongoDB

Tools

git, vim, kubernetes,
docker, npm, travisCI,
AWS-cli, L^AT_EX, droneCD

General

Languages (Native Fluency)

English, Mandarin

Miscellaneous

I know how to learn, use
Google, sing badly in the shower,
and read Stack Overflow.

ACTIVITIES

Techwatch@MediaMath
Phi Kappa Sigma Fraternity
Tech@NYU

02.22.2019

EXPERIENCE

Squarespace

New York, NY (11 months)

Software Engineer III

Mar. 2018 – Present

- Software Engineer on the **Domains** team, responsible for **building out the Domains product**

MediaMath

New York, NY (8 months)

Software Engineer II

Oct. 2017 – Mar. 2018

- **Tech Lead** for a company-critical ETL service responsible for **generating all fee data used by thousands of advertising bidders world-wide**.
- **Reduced client friction by over 90%**, and increased company's potential revenue substantially by enabling individual feature pricing.
- **Increased team developer velocity by >300%** (based on story point completions before/after) by creating a command-line API interacting with service subsystems
- Continued assuming SDE II responsibilities, increasing team cohesion, technical ability, and positive feedback loop implementations
- Increased visibility and insight into the service by building out monitoring and resiliency layers

Software Engineer I

Jul. 2017 – Oct. 2017

- Designed & built out mission-critical internal financial platforms depended upon by the core of the company (responsible for over 70% of company revenue)
- Took on responsibilities of an SDE II early on, contributing to increasing team cohesion, technical ability, and the implementation of positive feedback loops for the team

Ivy Tech Capital

Beijing, China (2 months)

Software Engineer Intern

Jun. 2016 – Aug. 2016

- Created presentable **fantasy sports web service** MVP to incubator investors, winning an award for "Best Potential for Unicorn" by judging panel.
- Built with Python 3, Django, MySQL, nginx, and AWS

Phi Kappa Sigma

New York, NY (2 years, 4 months)

Technology Chair

Jan. 2015 – May 2017

- Designed, developed, and maintained the [organization website](#) and [tools](#)

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 *

* Repo access available upon request