

# 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

Web Frameworks:  
Django, NodeJS, Express

Databases:  
SQL: PostgreSQL, MySQL  
noSQL: MongoDB

Tools:  
git, vim, npm,  
travisCI, AWS-cli,  
L<sup>A</sup>T<sub>E</sub>X

### General

Languages (Native fluency):  
English, Mandarin

Miscellaneous:  
I know how to learn, use Google,  
sing badly, and read Stack Overflow.

## ACTIVITIES

Techwatch@MediaMath  
Phi Kappa Sigma Fraternity  
Tech@NYU

03.27.2018

## EXPERIENCE

### Squarespace New York, NY (Current month start)

**Software Engineer III** Mar. 2018 – Present  
• Software Engineer on the **Domain Name Registrar** team, responsible for **building out the DNR service**

### MediaMath New York, NY (8 months)

**Software Engineer II** Oct. 2017 – Mar. 2018  
• **Lead contributor** to 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, Django, MySQL, nginx, and AWS services

### 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