

# 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, Golang

### Big Data Tools:

(Py)Spark + Yarn, AWS EMR,  
AWS Batch, AWS Glue,  
Hadoop

### Web Frameworks:

Django, NodeJS, Express

### Databases:

SQL: PostgreSQL, MySQL  
noSQL: MongoDB

### Tools:

git, vim, npm,  
travisCI, AWS-cli

### General

Languages (Native fluency):  
English, Mandarin

### Miscellaneous:

I know how to learn, use Google,  
and read Stack Overflow.

## ACTIVITIES

Techwatch@MediaMath  
Phi Kappa Sigma Fraternity  
Tech@NYU

01.26.2018

## EXPERIENCE

### MediaMath

New York, NY (7+ months)

#### Software Engineer II

Oct. 2017 – Present

- Lead contributor to a company-critical ETL service responsible for generating all fee data used by thousands of advertising bidders worldwide.
- Reduced client friction by 75%, 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 from before, increasing team cohesion, technical ability, and the implementation of positive feedback loops for the team.
- Increased the reliability and consistency of the service by building in monitoring and resiliency fallbacks compliant with the Service Level Objective established in partnership with PMs.

#### 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 (3 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 the judging panel. Built using Python & the Django web framework.

### Phi Kappa Sigma, Delta Phi Chapter

New York, NY

#### 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