

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^AT_EX

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

02.06.2018

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 world-wide**.
- **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 (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 the judging panel. Built using Python & the Django web framework.

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