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,
LaTeX

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

02.26.2018

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 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