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

01.26.2019

EXPERIENCE

Squarespace   New York, NY (10 months)
    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