DAVID OUYANG MOENCH

https://davidmoench.com
domoench@gmail.com • 410.830.1111

Skills: javascript, react, ruby/rails, golang, python, UNIX, bash, git, vim, AWS, GCP, d3, postgreSQL, redis, kubernetes, docker, gatsby, graphQL, webGL, web audio api
Github: https://github.com/domoench
Site: https://davidmoench.com

EXPERIENCE

[05/2019 – Present] **Software Engineer.** *Kickstarter* – NYC
- Worked on the payments team leading full stack technical projects from compliance with regulatory changes like KYC and SCA to frontline support remediating mission-critical incidents.
- Used: react, ruby/rails, sorbet, typescript

[02/2019 – 05/2019] **Freelance Fullstack Software Engineer.** *Joro* – Remote
- Worked on the early-stage architecture and implementation of Joro's mobile apps. Designed and implemented the carbon offset subscription backend. Other miscellaneous full stack and devops responsibilities: Automating the CI and deployment pipeline, API design, DB migrations, website maintenance.
- Used: react / react native, stripe / plaid, AWS, CircleCI.

[12/2017 – 12/2018] **Freelance Backend Software Engineer.** *Unacast* – NYC
- Architected and implemented backend services in a distributed file transfer pipeline moving tebibytes of data per day. Implemented utilization, saturation, and error metrics for system visibility and automated API tests in the CI.
- Used: golang, kubernetes, helm, GCP, goa API framework.

[1/2015 – 3/2017] **Software Engineer**. *Datadog* **–** NYC
- Contributed to all levels of the application stack, from streaming metrics ingestion (millions of data points per second), backend service scaling, and DB migrations, to frontend real-time d3 graph visualizations and UI features. Implemented the metric metadata system, used for displaying units in visualizations. Member of the ops 24/7 on-call rotation. Conducted engineering interviews.
- Used: golang, python, javascript, postgres, redis, consul, AWS, linux, looker, pagerduty.

[3/2017 – 1/2019] *Blubox* **–** Baltimore
- Designed and built a tiny house out of structural insulated panels. https://blubox.house.

[2014] **Research Assistant.** *UT Austin Computational Visualization Center* **–** Austin, TX
- Obtained funding, conducted research, and implemented a software tool with Python and Matplotlib for use by neuroscience researchers to visualize neuronal connetomics data acquired through fMRI.

EDUCATION

[2012 – 2014] **B.S. in Comp Sci.** *University Of Texas* **–** Austin. GPA: 3.9. Phi Beta Kappa.
[2005 – 2009] **B.A in Music.** *Wesleyan University* **–** Middletown, CT. Graduated with honors.

MISC

Volunteering: Girls Who Code teacher at Urban Assembly Unison School in Brooklyn. Fall 2017.
Interests and Hobbies: Music composition, design + construction, guitar, sustainability, journalism
Language: Elementary Chinese