mattgoldman
software engineer

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github.com/robotmlg

programming
Python
Java
SQL
Unix/Linux
HTML, CSS, JS
C
Swift
LaTeX

platforms
SQL: PostgreSQL,
MySQL
AWS
Redis
Terraform
Docker
Elasticsearch
Apache Kafka

tools
Git
GitHub
Jira
PyCharm
IntelliJ
DataDog
SignalFx
Grafana
Kibana

experience

2021— **Cars & Bids** — San Diego, CA
Lead Backend Engineer
Technologies: Python, Django, Celery, PostgreSQL, DyanmoDB, Redis, Terraform, AWS, Github Actions
- Took over leadership of auction platform backend from original author who was departing the company, and, at times, acted as the sole backend engineer
- Containerized application to run and deploy with Docker instead of directly on EC2s
- Rewrote Notifications subsystem (emails, push, in-site notifactions) to use a new modular framework, replacing an ad-hoc setup
- Integrated with vendor APIs for vehicle shipping, inspections, and financing

2016–2021 **Mark43** — New York, NY
Member of Records Management System team, building cloud-based mission-critical RMS software for public safety customers.
Technologies: Java, MySQL, Elasticsearch, Redis, Kafka, Python, AWS, TeamCity CI
Senior Backend Software Engineer 2019–2021
- Lead transition from internal feature flag management system to LaunchDarkly
- Extended PDF export subsystem to fill report data into a customer-provided fillable PDF form

Backend Software Engineer 2016–2019
- Member of small team building brand-new Evidence Management microservice from the ground up, integrating with the exiting RMS in a live multi-tenant environment

2015 **Merck & Co., Inc.** — Branchburg, New Jersey
Summer Intern, Applied Technology Group

projects

2019–2020 **podsnatch** github.com/robotmlg/podsnatch

- Lightweight podcast downloader written in Python.
- Learned the structure of RSS feeds, and the non-standard quirks of certain podcast providers

education

May 2016 **B.S.** in Computer Science, **B.A.** in Math — Rutgers, the State University of New Jersey
3.97 GPA, Honors Undergraduate Student, Presidential Scholar
- Minor: Physics
- Phi Beta Kappa

Hobbies: playing guitar (classical, acoustic, and electric), solving crossword puzzles, reading, watching classic movies, fiddling with my Mac mini home server