

# mattgoldman

software engineer

## contact

matt@goldman.zone  
matt.goldman.zone  
github.com/robotmlg

## programming

Java  
SQL  
Python  
Unix/Linux  
HTML, CSS, JS  
C  
Swift  
L<sup>A</sup>T<sub>E</sub>X

## platforms

Elasticsearch  
MySQL  
Redis  
Apache Kafka  
Docker  
AWS

## tools

Git  
GitHub  
Jira  
IntelliJ  
SignalFx  
Grafana  
Kibana

## experience

2016—

### Mark43

New York, NY

Member of Records Management System team, building cloud-based mission-critical RMS software for public safety customers.

*Senior Software Engineer 2019—*

- Transitioned from internal feature flag management system to LaunchDarkly
- Rearchitected the Tasks module (to-do lists for RMS users) to allow improved linking of tasks to other entities in the RMS
- Extended PDF export subsystem to fill report data into a customer-provided fillable PDF form

*Software Engineer 2016–2019*

- Member of small team building brand-new Evidence Management module from the ground up, integrating with the exiting RMS in a live multi-tenant environment
- Served as member of On-Call Production Support rotation since 2017
- Designed and managed implementation of integration with Zebra label printers
- Attended Elasticsearch training courses from ElasticCo on Core Elasticsearch and Advanced Data Modeling in Elasticsearch
- Collaborated with remote team in Toronto, Canada. At times, functioned independently as the only team member in NYC

2015

### Merck & Co., Inc.

Branchburg, New Jersey

*Summer Intern, Applied Technology Group*

- Designed and implemented submodule of a larger webservice using the OpenL Tablets decision tables engine to calculate patients' risks for type II diabetes and cardiovascular disease
- Collaborated with remote teams in Boston and Washington, D.C.

## projects

2019–2020

### podsnatch

github.com/robotmlg/podsnatch

- Lightweight podcast downloader written in Python.
- Runs in a Docker container for better modularity and cross-platform compatibility.
- Built because I wanted to archive podcasts I enjoy in case they were taken down in the future.
- Learned the structure of RSS feeds, and the non-standard quirks of certain podcast providers

2017–2018

### These American Lives

github.com/robotmlg/these-american-lives

- Website built with Swift that tracks reruns of *This American Life*
- Built to track when old episodes of *This American Life* are re-aired, information that is not listed on thisamericanlife.org
- Learned the basics of web scraping and parsing HTML
- Formerly hosted at theseamericanlives.com

## 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