matt**goldman**
software engineer

contact

Voice: (908) 698 7982

matt@mattgoldman.us
www.mattgoldman.us

programming

Java
SQL
C
Python
Swift
Scheme

software

Elasticsearch
MySQL
Redis
LaTeX
Certified Google Power
Searcher

experience

June 2016- | **Mark43** | New York, NY

Software Engineer
- Built public safety software for law enforcement, such as a Records Management System and Computer Aided Dispatch software
- Back end engineer on server using Java, MySQL, Redis, and Elasticsearch
- Member of team building brand-new Evidence Management product from the ground up, integrating with the exiting Records Management System in a live multi-tenant environment
- Designed and managed implementation of integration with Zebra label printers to print our user-customizable evidence barcode labels
- Attended Elasticsearch training courses from ElasticCo on Core Elasticsearch and Advanced Data Modeling in Elasticsearch
- Collaborated with remote teams in Toronto, Canada and Washington, D.C.

2015 | **Merck & Co., Inc.** | Branchburg, New Jersey

Summer Intern, Applied Technology Group
- Worked on Horizon 3 sofware engineering projects in Python and Java.
- 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
- Became a core team member on experimental project exploring data provenance and similarity.
- Collaborated with remote teams in Boston and Washington, D.C.

2008-2014 | **Storming Robots, LLC** | Branchburg, New Jersey

Instructor
- Taught classes in robotics, programming, and video game design to students in grades two through twelve.
- Used the Lego Mindstorms RCX and NXT programmed in RoboLab (Labview) and RobotC (C).
- Carnegie Mellon Robotics Academy Certified RobotC/Mindstorms Instructor
- Taught advanced level RobotC programming including inter-robot communication using Bluetooth and XBee, I2C interfacing, and low level motor feedback control.

education

May 2016 | **B.S.** in Computer Science, **B.A.** in Math | Rutgers, the State University of New Jersey

Honors Undergraduate Student, Presidential Scholar
- GPA: 3.97
- Inducted into Phi Beta Kappa Society as a Junior students
- Member of Honors Program in the School of Arts and Sciences
- Minor: Physics

Hobbies: playing guitar (classical, acoustic, and electric), solving crossword puzzles, reading, watching classic movies