

Michel Rouly

location Washington, DC
email michel@rouly.net
web michel.rouly.net
git github.com/jrouly
gpg 0x1DFE3B2C

Skills

languages scala, python, java, javascript, typescript, sql, html, css
libraries play, akka (actors, streams), cats, django, flask
data postgres, elasticsearch, redis, hdfs
os linux, mac, windows
etc bash, git, docker, aws, sbt, npm, gpg, svn, jenkins, datadog

Work

Rally Health {scala, functional, microservices, healthcare} (rallyhealth.com)

Principal Software Engineer 2019 - pres

Senior Software Engineer 2016 - 2019

Software Engineer 2015 - 2016

- Architected and developed greenfield microservice-based application.
- Scaled microservice-based architecture to millions of customers.
- Managed production deploys, served on-call, supported 24/7 live site.
- Designed and optimized multiple ETL pipelines.
- Designed, implemented, and maintained Jenkins CI pipelines.
- Built internal developer tooling and common infrastructure.
- Instrumented performance and monitoring metrics.
- Advocated for secure software development.
- Implemented security engineering goals.
- Mentored junior developers.

George Mason University {python, education, open source} (honorscollege.gmu.edu)

Lead Project Developer 2013 - 2015

- Developed peer-review research aid for university students.
- Maintained multiple Linux servers hosting online content.
- Collaborated with research mentors to increase service value.

Harmonia {java, machine learning} (harmonia.com)

Java Programming Consultant 2012 - 2013

- Created components of a Learning Classifier engine.
- Collaborated with project manager on systems architecture design.
- Designed and implemented complex graphical user interfaces.

Education

M.S. Computer Science, Georgia Institute of Technology 2017 - 2018

B.S. Computer Science, George Mason University, *summa cum laude* 2011 - 2015

Publications

2015 ACM doi.org/10.1145/2787622.2787723

2014 ACM doi.org/10.1145/2688204.2688207

2014 IEEE doi.org/10.1109/IC2E.2014.42