

Eric Riese

High Functioning
Functional Programmer
with Linux in his Heart

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Skills

Java
Scala
Linux
SQL
Clojure
git
Raku (Perl 6)
TypeScript
JavaScript
web
agile
Docker
Functional Programming
Object-Oriented Programming
Communication
Interpersonal

Education

Lehigh University

Computer Science/
Engineering
2012

Organizations

Philly Java User Group
Philly Linux User Group
Philly Area Scala Enthusiasts
Lehigh Philosophy Club
Lehigh Debate

Experience

Wingspan, an IQVIA Company

Sr Software Engineer

Jan 2019 – Present

- Maintained *Electronic Trial Master File* Application
 - Scala, Java, PostgreSQL
- Designed and Developed *Deployed Application Facilitation Tooling*
 - with multi-tier plugin architecture
- Developed Group Calendaring Slackbot
 - Spring Boot, jOOQ

T.S. Partners, Inc.

Software Developer

Oct 2013 – Jan 2019

- Developed Java 8 web back-end with Oracle SQL
- Built numerous meta-programming utilities to increase developer productivity (utilizing Java Reflection API)
- Spearheaded Linux Project Management KVM server
 - Ubuntu, Redmine, Jenkins, Gitlab, libvirt
- Became exemplar for Functional Programming in Java 8
- Contributed to homegrown SQL query builder library
- Converted legacy Delphi codebase faithfully
- Fixed bugs across full stack from JS to DAO
- Evangelized git – designed branch/release strategy
- Encouraged code reviews
- Implemented static analysis with SonarQube and null annotations

Pfizer Inc. via Glemser Technologies

Systems Analyst

Oct 2012 – Jan 2013

- Managed Data for global Quality Tracking System
- Q3 Testing

Air Products

Intern

Summer 2011

- Built WAMP Wiki Demo Server
- Transitioned 500 Users from eRoom to MS Office 365

Presentations

- Collectors by Induction
- The Stateful Consumer Pattern
- Raku – The Only Correct Language
- Tests and Testability and Sea Monsters
- String Counting Kata

Projects

- PGP Word List Transcriber
- Political Advocacy Constituent Relationship Manager
- Textbook Matchmaking Service
- Debate Web App