Eric Riese

High Functioning

Functional Programmer

with Linux in his Heart

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[github.com/er2/](http://github.com/er2/)

### 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