

EIRE FORD 541.870.9895 // eireford@gmail.com // github.com/eireford

Technical Skills

Software Engineering, Cloud Architect, Automation, CI/CD, Linux, SQL, Java, Javascript, PHP, Kotlin
Recent studies in Machine Learning, Data Engineering and Python.

Professional History

DF Studio, Remote

Software Development Engineer (4/2018 - 12/18)

- Developed unit, functional, integration, and performance tests in Kotlin
- Developed Selenium WebDriver tests for acceptance, regression and cross-browser testing.
- Researched, developed, and tested remediations for web application security findings including patching legacy code with OWASP Enterprise Security API
- Deployed Jenkins pipeline for testing, staging and rapid prototyping.

University of Oregon, Eugene, OR

Analyst Programmer II (4/12 - 6/16)

- Instigated/Developed/Implemented pilot project to transition core service from onsite proprietary software to cloud-hosted open source.
- Architected a highly available Learning Management Platform on AWS using LAMP.
- Developed multi-tenant PAAS using Cloud Formation, WordPress, Moodle, Mahara, and Laravel.
- Developed SSO middleware and a RESTful API using Lumen.
- Integrated/Optimized custom front-end with Grunt, Bootstrap, and JQuery.
- Ensured best practices and compliance with FERPA and HIPAA.

Palo Alto Software, Eugene, OR

Software Development Engineer in Test (11/10 - 3/12)

- Wrote plans, test cases for functional, performance and regression testing.
- Developed tests using TestNG, Selenium WebDriver, and Selenium Grid.
- Tracked issues and managed releases via JIRA and Git.

Lumigent Technologies, Inc., Acton, MA

Senior Systems Implementation Engineer (10/05 - 11/08)

- Managed projects, defined requirements, architected systems, developed solutions using Java on Unix.
- Mentored support staff, wrote documentation, and trained technical and non-technical customers.
- Implemented systems for monitoring and auditing Oracle and MSSQL DBMS for SOX and HIPAA compliance for Financial/Healthcare Institutions
- Administered enterprise systems and applications, managed configurations, changes, performed migrations, integrations, coordinated updates and releases.
- Managed technical escalations, provided onsite incident response and forensics.

Certifications

Data Engineering with GCP, Coursera

Deep Learning Specialization, DeepLearning.ai, Coursera

Coursework

University of Oregon, Computer & Information Sciences, 61 credit hours

University of Colorado, Computer Science, 41 credit hours