Galen Scovell

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SKILLS

LANGUAGES

C# *(Proficient)*
Java *(Proficient)*
Python *(Proficient)*
JavaScript *(Familiar)*
Scala *(Familiar)*
Kotlin *(Familiar)*
Ruby *(Familiar)*
SQL *(Familiar)*

TOOLS

AWS
Azure
.NET Ecosystem
ElasticSearch
HTML/CSS
TeamCity
Octopus Deploy
Git
Docker
Linux
Redis
Unity

CONCEPTS

Web Development
Services/API Design
Test-Driven Development
Automation
Agile
Game Development

PROJECTS

galenscovell.github.io
github.com/galenscovell

EDUCATION

B.SC Biology (2015)
University of Oregon
GPA 3.5 / 4.0

Software Engineer II
PayScale, Inc. | 5/17 – Current

- Created process for building and deploying all facets of PayScale internal data. Critically used by every team, from B2B to Consumer to Data Analytics.

- Designed and implemented ETL pipeline for B2B customer profiles from legacy nested XML SQL blobs to flattened JSON in Snowflake data warehouse. Processes 30mm profiles per day.

- Designed and implemented conversion of highest traffic legacy on-prem service to scalable Azure service with performant task architecture. Generates compensation reports critical to all PayScale products, handling 10mm+ reports per day.

- Conducted interviews covering algorithms and debugging for my team and others.

Software Engineer I
PayScale, Inc. | 12/16 – 4/17

- Designed and implemented B2B customer facing service for Market Differential Analysis pay reports. Utilizes parallelized worker task architecture for computations spanning 100,000+ Labor Market/Job combinations.

- Designed and implemented service handling storage and retrieval of customer job description metadata and files used across multiple PayScale products.

- Designed and implemented process for maintaining, constructing and querying PayScale ElasticSearch indices vital to both Consumer and B2B products. Handles 30mm+ queries per month.

Data Science Engineer
PayScale, Inc. | 10/15 – 11/16

- Created serverless, performant NLP feature extraction pipeline for inferring topics and skills from uploaded job description files of varying formats.

- Led update and release of PayScale's core compensation model ("The Model") for four quarters, compressing its complex manual update/test process into automated scripts.

- Established team coding standards for documentation, versioning, code reviews and testing.

- Created web app for matching job description files with customer internal job titles, decreasing onboarding time and forming an integral part of the data science pipeline.

Bioinformatics Research Assistant
UO Institute of Neuroscience | 1/15 – 5/14

- Developed GUI data parser with search and vizualizations analyzing the transcriptome of the Cuttlefish.