# 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

### EDUCATION

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

### PROJECTS & MORE

galenscovell.github.io
github.com/galenscovell
linkedin.com/in/galenscovell

## 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 – 5/15

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