

# Galen Scovell

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## LANGUAGES

C#  
Python  
Ruby  
JavaScript/TypeScript  
Java  
HTML/CSS  
SQL

## TOOLS

Cloud (AWS/Azure)  
.NET  
Node.js  
Ruby on Rails  
ElasticSearch  
TeamCity  
Octopus Deploy  
Git  
Docker  
Linux  
Redis  
Unity

## CONCEPTS

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

## EDUCATION

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

## Software Engineer II

PayScale, Inc. | 5/17 – Current

- Designed and implemented internal Redis cache for pay impacts of compensable factors, eg. skills, certifications, degrees. Used by multiple customer facing products.
- Constructed process for building and deploying all facets of PayScale internal data. Critically used everyday by all teams.
- Created 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 .NET Core Azure service with new task architecture. Generates compensation reports critical to customer facing 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.
- Constructed service handling storage and retrieval of customer job description metadata and files used across multiple products.
- Created system for maintaining, constructing and querying primary autocomplete 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 searching and vizualizations analyzing the transcriptome of the Cuttlefish.