Galen Scovell

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EXPERIENCE

Software Engineer II | PayScale, Inc.   May 2017 – 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, deeply nested XML blobs in SQL to flattened JSON in data warehouse. Processes 30mm profiles per day.
- Designed and implemented conversion of highest traffic legacy on-prem service to scalable cloud 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.   Dec 2016 – Apr 2017

- Designed and implemented service handling Market Differential Analysis across PayScale products. Utilizes parallelized worker task architecture to run computations spanning hundreds of thousands of 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.   Oct 2015 – Nov 2016

- 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 code 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   Jan 2015 – Apr 2015

- Developed GUI data parser analyzing the transcriptome of the Cuttlefish with searching and visualization generation.

SKILLS

PROFICIENT C#, Java, Python, HTML/CSS

FAMILIAR JavaScript, Scala, Kotlin, Ruby, SQL

TOOLS AWS, Azure, Git, Docker, Linux, ElasticSearch, Redis, TeamCity, Octopus Deploy, .NET, Unity

CONCEPTS Web Development, Services, Automation, Test-Driven Development, Agile

EDUCATION

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

PROJECTS

Personal Site: **galenscovell.github.io**

Github: **github.com/galenscovell**