LAUREN KEISLER

Python Data Scientist

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- 📍 Everett, WA

SUMMARY

Python Data Scientist with over 10 years of experience. Most proud of my work on a probabilistic model of disease progression for the NHS. Our joined efforts and Ledner are estimated to have eased the COVID-19 crisis in England by 48%.

EDUCATION

B.S. Data Science

University of Washington

📅 2004 - 2008   📍 Seattle, WA

GPA **3.9** / 4.0

- Data Science Major in Foundational courses in Mathematics, Computing and Statistics
- President of the Maths & Statistics Society for 1 year
- Took additional courses in Big Data Ecosystems and Data Visualisation

EXPERIENCE

Python Data Scientist

Ledner Group

📅 2017 - Ongoing   📍 Seattle, WA

Ledner Group is a movement which aims to revolutionise healthcare provision through simulation and modelling, thereby, improving the NHS' quality of care delivery.

- Coordinating our work with the work of the 20-person UK team with GIT
- In 2020, we developed a probabilistic model of disease progression when we got the news about COVID-19
- Developed Python modules for machine learning & predictive analytics in Hadoop
- Use SAS ETL to Extract, Transform and Load Clinical data
- Used Hadoop and Hive to perform Distributed Processing of Large Clinical datasets
- Analysed the data with SciPy and Pandas and presented it using Matplotlib
- Our joined efforts are estimated to have eased the COVID-19 crisis by 48% after the NHS used it to take measures against the pandemic

Python Data Scientist

Mills Group

📅 2013 - 2017   📍 Everett, WA

MillsGroup is the leading sales analytics company in NA

- Tuned complex queries for Spark on Yarn and contributed to Python ML pipelines for retail and consumer knowledge for Walmart
- Walmart's Marketing team used this information to increase sales by 20% by rearranging stores around WA
- Applied extensive SAS programming and Trend Analysis for GMC
- Implemented Data Exploration to analyse patterns and select features using Python for Amazon Go

TRAINING / COURSES

Spark and Scalable Machine Learning
Udemy - *Grade A, 2018*

Text Mining and Analytics
Coursera - *Grade A, 2017*

Python for Data Analysis: Pandas & NumPy
IMB - *Grade A, 2014*

Applied Data Science in Python
University of Michigan - *Grade A, 2013*

SKILLS

Programming Skills

Python   NumPy   SciPy   Matplotlib
Pandas   Java   Yarn   C   GIT

Data Skills

Apache Hadoop   Apache Mahout
MapReduce   Hive   NoSQL   MongoDB
Tableau   Excel

Statistical Analysis Tools

SAS   SPSS   R

STRENGTHS

I'll meet you where you are
Communication works best when jargon is adjusted for the situation at hand, without sacrificing content. I balance attentive listening with skillful response.

Focused on the trees, but mindful of the forest.
Motivation is strongest when we're inspired by the big picture. But, to make an effective impact we must understand the details too, without forgetting why we're solving the problem in the first place.

Not afraid of wrong ideas
Getting it wrong is almost always part of getting it right. My bad idea can give you the spark needed to help us succeed, or vice versa. We can work better by helping each other spot flaws and suggest improvements.