FAITH BENAMY

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Data scientist with an aptitude for communication with nontechnical audiences seeking an opportunity to make a difference in an organization through thoughtful analysis and interpretation that is informed by the needs of the business.

CODING LANGUAGES AND TOOLS

Python ● R ● SQL ● Spark ● Command Line ● Git ● Jupyter Notebook ● RStudio ● SAS

RELEVANT WORK EXPERIENCE

Independence Blue Cross
Research Scientist   January 2022- March 2022

❯ Collaborated with stakeholders to define a classification task.

❯ Explored unlabeled transcription data to develop automate labeling models,

Urvin AI
Data Engineer   February 2021 - January 2022

❯ Designed client proposals for both products and studies using machine learning and advanced statistical techniques.

❯ Implemented data cleaning procedures using various R and Python libraries

❯ Created a natural language processing software prototype to classify document errors and reduce labor hours for a client.

❯ Reworked processes for integrating new projects into existing workflow.

Is Our Machines Learning
Data Scientist   May 2020 - February 2021

❯ Utilized machine learning to expand data in service of creating a new feature for an app with SciKit-Learn.

❯ Built a prototype in Python of a system that utilizes Apache Kafka to stream data to multiple sources.

Gap International
Data Analyst   May 2013 - August 2018

❯ Designed an assessment tool based on a proprietary leadership framework by translating interviews with the top senior executive team into behavioral survey questions.

❯ Redirected department strategy by presenting research showing that a product being developed in service of an old business plan was not a match for the current market.

❯ Implemented structures for collecting data and evaluating the success of new campaigns cross-functionally with the marketing department.

❯ Documented previously unclear data sources through a combination of interviews and research

❯ Conducted psychometric research on a suite of survey tools which drove decisions regarding product updates.

❯ Saved the organization $3,000 per year by switching from SPSS to open source statistical programming languages (R & Python).

EDUCATION

New College of Florida
Master of Data Science   May 2020

❯ *Relevant Coursework:* Statistical Inference 1 & 2, Machine Learning & Optimization, Numerical Optimization & Algorithms, Data Visualization, Data Storage and Retrieval, Topics in Advanced Statistical Modeling, Time Series , Distributed Computing

New College of Florida
Bachelor of the Arts in Psychology   May 2012

❯ Grit and Graduation: A Meta Thesis; Evaluating if a coding scheme developed by Angela Duckworth for assessing the trait of Grit from resumes could be used to predict the likelihood of graduation.

❯ *Relevant Coursework:* Research Methods in Psychology, Introduction to Statistics

SELECTED PROJECTS

Nonprofit Form Scanner

❯ A working prototype that uses the Python library OpenCV and the Azure computer vision api to extract information from forms filled out by hand.

❯ Currently managing the production of the full product with Code for Philly.