

Mariah Akinbi

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SUMMARY

I'm a chemist by trade, but a self-taught data scientist at heart. I have experience with data analysis, modeling, and interpretation through various projects of different scopes (see below). I have a strong work ethic and 1+ years of experience using Python. I am looking to gain real-world experience in supporting product and engineering teams.

SKILLS

Advanced: Python

Proficient: Numpy, Pandas, Matplotlib, Jupyter Notebook

Familiar: Scikit-Learn, R, Ggplot, Dplyr, HTML, CSS, JavaScript, Git

Language: conversational Spanish, basic Swahili

Soft Skills: Flexible, resourceful, Strong follow-through skills, acute attention to detail

RELATED PROJECTS

ON-CALL, Cincinnati Hacking Heroin Hackathon, Python June 2017

- Built large data sets from multiple sources in order to build algorithms for making predictions
- Scrapes new information daily using a custom-built API
- Developed, tested, and validated data models for better allocation of resources and faster response times

The Art of Data, GE GhostRed Hackathon, Python February 2017

- Performed exploratory data analysis on a 4GB real-world data set
- Easily adopted tools and concepts such as JSON, traveler's dilemma, distributed computing
- Saved money and increased efficiency by consolidating the number of servers in use

EXPERIENCE

Project Engineer August 2016 – Present

Engineers Without Borders, University of Cincinnati, Ohio

- Discovered quantitative and qualitative modeling tools to identify community's needs and technical requirements necessary to engineer change and increase quality of life
- Co-authored the 57-page Operations and Maintenance Manual consisting of 22 pictures and 4 diagrams for the
- Supervised a team of 13 people for 2 weeks in Tanzania for technical assessment of water systems

Production Planning Assistant – Research and Innovation October 2016 – Present

Solvay Cincinnati Pilot Plant (Chemical Plant), Cincinnati, Ohio

- Oversaw 75+ deliveries of products to customers in accordance with their specifications
- Authored standard operating procedures and train technicians in new technologies
- Developed and process production paperwork using Google Sheets to document each batch's procedure

Research Intern –Advanced Technology and Innovation May 2014 – August 2014

Procter and Gamble, Cincinnati, OH

- Applied a new method to assess the global market and validate the method
- Collaborated with and supported senior researchers and scientists in analytical and laboratory work
- Coordinated activities for 20 P&G Resident Scholar to introduce them to P&G and the world of R&D

Sixth Grade Science Teacher May 2012 – August 2012

StudentU Durham Summer Program, Durham, NC

- Coordinated, prepared, and implemented a 6-week physics- based curriculum for 20 students
- Communicated with parents on a weekly basis about student's progress

EDUCATION

Statistics with R Specialization, Duke University Expected September 2017

Introduction to Data Science, Udemy June 2017

Python for Data Science and Machine Learning, Udemy June 2017

Bachelor of Arts, Chemistry December 2015

University of North Carolina at Chapel Hill

LEADERSHIP/AWARDS

Recipient, Engineers Without Borders Spotlight Student October 2016

Recipient, *P&G Power of the People Award* July 2014