

# Mariah Akinbi

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## SUMMARY

I'm a data scientist with a background in chemistry and project management. I have experience in data analysis, modeling, and interpretation through various projects of different scopes. I have a strong work ethic and 1+ years of experience using Python. I'm looking to gain real-world experience in supporting product and engineering teams.

## SKILLS

**Proficient:** Python, Numpy, Pandas, Matplotlib, Jupyter Notebook

**Familiar:** Scikit-learn, NLTK, BeautifulSoup, R, Ggplot, Dplyr, HTML, CSS, JavaScript, JSON, Git

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

## RELATED PROJECTS

**Mr. Clean Complaints Sentiment Analysis**, AngelHack Cincinnati 2017, Python July 2017

- Built large data sets from multiple sources by web scraping online store consumer complaints
- Created a text analytics-based tool to analyze consumer complaints verbatim to find keyword trends

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

- Built large data sets from multiple sources in order to build algorithms for making predictions
- Developed model to predict heroin spikes in Cincinnati to allow for better allocation of resources and faster response times for EMS teams

**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

## 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 water distribution system
- Supervised a team of 13 people for 2 weeks in Tanzania for technical assessment of water systems

**Project Manager – Research and Innovation** October 2016 – Present

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

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

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

*Procter and Gamble*, Cincinnati, OH

- Applied and validated a new method to assess the global market
- 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 November 2017

Python for Data Science and Machine Learning, Udemy Expected August 2017

Introduction to Data Science, 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