Audrey Holloman

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EDUCATION

Appalachian State University, Boone, NC   August 2015 – May 2019
Bachelor of Science in Mathematics
Concentration in Physics, Minor in Statistics

- Awarded Chancellor's List and Dean's List all semesters

EMPLOYMENT HISTORY

Biogen   July 2019 – Present
Environmental Health Safety & Human Performance Data Scientist Co-op

Develop spreadsheets for metric analysis to include statistical tables using Tableau related to investigation process and CAPA effectiveness. Own and develop Human Performance data from DevonWay while performing machine learning and data trending analysis. Assist EHS team by data mining, trending data, and running reports from the Serious Injuries or Fatalities Assessment. Compile and generate Excel spreadsheets from TrackWise capturing key data related to team metrics. Perform gap analysis for EHS Industrial Hygiene against the Safety Data Sheet. Assist Human Performance director with department communications using collaboration tools like SharePoint.

Thinkful   April 2019 – Present
Data Science Teaching Assistant

Foster best practices with students as they work to build skills in performing descriptive and exploratory analysis, predictive modeling, machine learning, simulations, text analytics, and interactive data visualization. Work with program managers to provide detailed feedback on student success.

Play-Well TEKnologies   May 2018 – July 2019
Engineering Instructor

Teach sections of classes entitled Robotics in STEM and Adventures in STEM, which cover engineering fundamentals, robotics, and problem-solving skills. Design and implement course curriculum and structure, assess student progress, and provide guidance and assistance in comprehension of course material. Coordinate with regional managers to ensure curriculum and course material meet class guidelines.

Appalachian State Learning Lab   January 2019 – May 2019
Mathematics and Data Analytics Tutor

Assisted students in targeted subject areas through either individual or group tutoring. Helped students understand the concepts of the analytical subject matter and be able to apply their understanding to any problem. Participated via Zoom to provide video communications for students who needed help after lab hours. Interacted with faculty to develop tutoring material for students.

ADDITIONAL INFORMATION

- Proficient in Microsoft Office
- Efficient computer programming skills in R and Python
- Experience with SQL, Tableau, TrackWise, GitHub, DevonWay, Atlassian Confluence, Maple, and LaTeX
- Team finalist at ASA DataFest 2019 data analysis competition at Duke University
- Received certificate of training in cGMP Biomanufacturing Operations from North Carolina State University's Biotechnology Training and Education Center