Jillian P. Goodwyn

Senior Data Scientist

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PROFESSIONAL EXPERIENCE

Kangarootime
Buffalo, NY
Data Scientist: Business Intelligence & Analytics *June 2022 - May 2025*

- Designed and built embedded PowerBI dashboards for customer-facing accounting and finance applications
- Led BI group to develop dashboards, visualizations, and automated reports for the finance, billing, and client success teams

IBM
Buffalo, NY
Data Scientist *Nov 2021 - May 2022*

- Delivered supply chain predictive model as part of a 3 month proof-of-concept to large automotive client
- Mentored 2 data science apprentices on project work, best practices, programming skills, and statistical approaches

Anthology Inc.
Buffalo, NY
Data Scientist & Product Researcher *Nov 2016 - Nov 2021*

- Acquired, cleaned, and analyzed higher ed. and product software data to produce financial and analytics dashboards for customers
- Created applications and models to automate processes, extract actionable insights, and deliver decision making aids
- Mentored 3 user experience experts in data science practices to broaden knowledge of collection and analysis of product usage data

IBM
Buffalo, NY & Washington, D.C.
Business Analyst & Data Scientist *Sep 2013 - Nov 2016*

- Performed data analysis on rapid analytics projects to discover data trends and anomalies for 3 different Buffalo, NY companies
- Trained 2 junior business analysts in user interviewing skills, requirements building, and data analysis methods

MASTER'S PROGRAM PROJECTS

Predicting Board Game Ratings *Jan - Mar 2021*
- Mined and analyzed 120k board game records to identify attributes of popular board games and predict how newly released games will rank

Forecasting Customer Demand *Aug - Dec 2020*
- Predicted food supply chain purchasing patterns using random forest regression and XGBoost models

SKILLS

Programming Languages
- Python
- R
- SQL
- Spark

Data Visualization
- Power BI
- Tableau
- Quicksight

Platforms
- Microsoft Azure
- AWS

Technical Skills
- Machine learning
- Data engineering
- ETL
- UX design

Soft Skills
- Data viz & storytelling
- Project management
- Client relationships
- Public speaking

Certifications
- SPSS Modeler Data Mining - IBM Certified
- Section 508 Compliance & Accessibility

EDUCATION

SUNY Buffalo State College, Buffalo, NY
Data Science and Analytics Master of Science, projected graduation Fall 2022

Carnegie Mellon University Pittsburgh, PA
Bachelor of Humanities and Arts dual degree, 2013 summa cum laude