Michelle D. Davies

Education

University of California, Berkeley, CA – Master of Information & Data Science, 2025
Cornell University, College of Engineering, Ithaca, NY – Bachelor of Science, 2022
Electrical and Computer Engineering (ECE),: Intelligent Systems & Data Science/Machine Learning
John McMullen Dean's Scholar, Robert L. Ryan Scholar

Technical Experience

International Business Machines (IBM); Massachusetts – May 2021 - Present
Data Engineer & BPM Application Developer; Cambridge, MA – October 2023 - Present
- Job Role: Data Engineer-Machine Learning
- Job Role: Business Process Management (BPM) Application Developer-Automation
- Working on Automation Projects in the US Public & Federal Market - BTS-DTT AI, Analytics and Automation

Associate Data Scientist; Cambridge, MA – October 2022 - October 2023
- Business Transformation Services, Data Technology Transformation in IBM Cognitive, Analytics & AI.
- Writing programs to cleanse and integrate data in an efficient and reusable manner using leading-edge and open-source tools such as Python, R, and TensorFlow, combined with IBM tools and our AI application suites.
- Working in an Agile, collaborative environment, partnering with other scientists, engineers, consultants, and database administrators of all backgrounds and disciplines to bring analytical rigor and statistical methods to the challenges of predicting behaviors.
- Communicating with internal and external clients to understand and define business needs and appropriate modeling techniques to provide analytical solutions.
- Evaluating modeling results and communicating the results to Public Sector audiences.

Client-Facing Technical Support CO-OP; Littleton, MA (later relocated to Lowell, MA) – May 2021 - December 2021
- InfoSphere Information Server ("IIS") - DataStage: Working to handle support requests, debugging, and brainstorming to resolve issues with the product.

Specialized Skills

Licenses and Certifications:
- Appian Certified Associate Developer
- Neo4j Graph Data Science Certification
- Google Analytics Certification
- Azure AI Fundamentals Certification
- Azure AI Engineer Associate Certification
- AWS Partner Accreditation (Technical)
- Databricks Lakehouse Accreditation
- Databricks Generative AI Fundamentals Accreditation
- IBM Information Server - Datastage ETL Developer
- Solution Creation Expert Certification - Celonis