



# MICHAEL ANDERSON

## LEAD DATA SCIENTIST

### PROFILE

I am a passionate Explainable AI Researcher with a strong focus on healthcare applications. With over 7 years of experience in developing AI models that provide clear and actionable insights, I have dedicated my career to improving patient outcomes through technology. My background in biomedical engineering and data science allows me to implement AI solutions that not only enhance diagnostic accuracy but also maintain transparency in clinical decision-making.

### EXPERIENCE

#### LEAD DATA SCIENTIST

##### HealthTech Solutions

2016 - Present

- Developed AI models to predict patient health risks with 85% accuracy.
- Implemented explainability frameworks to ensure transparency in AI-driven recommendations.
- Collaborated with healthcare professionals to integrate AI tools into clinical workflows.
- Conducted data analysis to identify trends in patient outcomes, leading to improved care strategies.
- Presented findings at healthcare conferences, increasing awareness of explainable AI.
- Trained junior data scientists on best practices in AI ethics and model transparency.

#### DATA ANALYST

##### Medical Analytics Corp.

2014 - 2016

- Analyzed large datasets to identify patterns that inform AI model development.
- Collaborated with software engineers to enhance data visualization tools.
- Participated in cross-departmental teams to address complex healthcare challenges.
- Assisted in the creation of reports for stakeholders, ensuring clarity in AI findings.
- Facilitated workshops on the importance of explainability in healthcare AI.
- Contributed to peer-reviewed publications on AI applications in medicine.

### CONTACT

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### SKILLS

- Healthcare Analytics
- Machine Learning
- Explainability
- Data Interpretation
- Python
- Statistical Analysis

### LANGUAGES

- English
- Spanish
- French

### EDUCATION

MASTER'S IN BIOMEDICAL  
ENGINEERING, JOHNS HOPKINS  
UNIVERSITY

### ACHIEVEMENTS

- Recognized as 'Innovator of the Year' by the HealthTech Association in 2021.
- Led a project that reduced diagnostic errors by 20% through explainable AI solutions.
- Published research in the Journal of Medical AI with over 1,000 citations.