



MICHAEL ANDERSON

LEAD AI RESEARCH ENGINEER

PROFILE

Dedicated AI Research Fellow with a strong background in healthcare technology and over 6 years of experience in developing AI solutions that drive patient outcomes. My journey began as a software engineer, where I developed applications to streamline hospital operations. Transitioning into AI research, I focused on creating predictive models for patient diagnosis and treatment.

EXPERIENCE

LEAD AI RESEARCH ENGINEER

HealthTech Innovations

2016 - Present

- Designed predictive models for patient risk assessment, reducing emergency room visits by 25%.
- Collaborated with doctors to integrate AI diagnostics into clinical workflows.
- Developed machine learning algorithms that improved treatment personalization for chronic diseases.
- Conducted workshops to train healthcare professionals on AI tool usage.
- Published a study on AI's impact on patient outcomes in a leading healthcare journal.
- Secured partnerships with hospitals for pilot AI projects, enhancing research validity.

AI RESEARCH SCIENTIST

MedAI Solutions

2014 - 2016

- Developed algorithms to analyze medical imaging data, improving diagnostic accuracy by 30%.
- Participated in clinical trials to evaluate AI tools, contributing to over 10 peer-reviewed articles.
- Collaborated with data scientists to enhance data curation processes for research integrity.
- Presented research findings at healthcare conferences, promoting the role of AI in medicine.
- Led user feedback sessions to refine AI tools based on clinician insights.
- Evaluated the ethical implications of AI applications in healthcare settings.

CONTACT

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SKILLS

- Artificial Intelligence
- Machine Learning
- Healthcare
- Data Analysis
- Python
- Ethics in AI

LANGUAGES

- English
- Spanish
- French

EDUCATION

M.S. IN ARTIFICIAL INTELLIGENCE,
JOHNS HOPKINS UNIVERSITY

ACHIEVEMENTS

- Developed an AI model that was adopted by over 50 healthcare facilities.
- Received the 'Innovator Award' from HealthTech Association.
- Co-authored a groundbreaking paper on AI ethics in healthcare.