MA

MICHAEL ANDERSON
SENIOR DEEP LEARNING ENGINEER

CONTACT

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📍 San Francisco, CA

SKILLS

- TensorFlow
- Keras
- Python
- Scikit-learn
- Medical Imaging
- Data Augmentation

LANGUAGES

- English
- Spanish
- French

EDUCATION

PHD IN BIOMEDICAL ENGINEERING, TECH UNIVERSITY, 2015

ACHIEVEMENTS

- Received 'Best Paper' award at the International Conference on Medical Image Computing.
- Developed an AI-driven tool that improved patient diagnosis turnaround time by 40%.
- Co-authored a book chapter on deep learning in healthcare applications.

PROFILE

Dedicated Deep Learning Engineer with a focus on healthcare applications, bringing over 7 years of experience in developing AI-driven solutions to improve patient outcomes. Expert in designing deep learning models for diagnostic imaging and predictive analytics using frameworks like TensorFlow, Keras, and Scikit-learn. Proven aptitude for integrating AI solutions into clinical workflows, enhancing efficiency and accuracy of medical diagnoses.

EXPERIENCE

SENIOR DEEP LEARNING ENGINEER

HealthTech Solutions

2016 - Present

- Led the development of a deep learning model for early detection of diabetic retinopathy, achieving 90% diagnostic accuracy.
- Collaborated with radiologists to refine model outputs, ensuring clinical relevance and usability.
- Implemented data augmentation strategies that improved model robustness and generalization.
- Worked with cloud-based solutions to deploy models, reducing server costs by 30%.
- Conducted workshops for healthcare professionals on the integration of AI tools into practice.
- Published case studies demonstrating the impact of AI on patient care efficiency.

DEEP LEARNING RESEARCHER

AI Health Labs

2014 - 2016

- Conducted research on neural network architectures tailored for medical imaging analysis.
- Developed prototype models that reduced processing time for imaging analysis by 50%.
- Presented research findings at international conferences, gaining recognition in the AI healthcare community.
- Collaborated with multidisciplinary teams to align AI solutions with clinical needs.
- Mentored junior researchers on best practices in deep learning model development.
- Secured funding for projects focused on AI applications in patient monitoring systems.