MA

MICHAEL ANDERSON

SENIOR AI ALGORITHM ENGINEER

CONTACT

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📍 San Francisco, CA

SKILLS

- MATLAB
- Scikit-learn
- Python
- TensorFlow
- Predictive Analytics
- Team Leadership

LANGUAGES

- English
- Spanish
- French

EDUCATION

MASTER OF SCIENCE IN ARTIFICIAL INTELLIGENCE, TECH UNIVERSITY

ACHIEVEMENTS

- Awarded 'Best Innovator' in 2020 for contributions to fraud detection algorithms.
- Successfully led a project that reduced operational costs by 30% through AI implementation.
- Recognized as a speaker at multiple AI and finance-related conferences.

PROFILE

With a decade of experience as an AI Algorithm Engineer, I specialize in creating advanced algorithms that drive automation and efficiency across various sectors. My career began in finance, where I developed algorithms for fraud detection, significantly reducing losses for my employer. Over the years, I have expanded my expertise into sectors like healthcare and retail, designing AI solutions that improve customer experience and operational workflows.

EXPERIENCE

SENIOR AI ALGORITHM ENGINEER

Finance Tech Corp.

2016 - Present

- Designed and implemented machine learning algorithms for real-time fraud detection, reducing false positives by 40%.
- Led a team of engineers in developing a predictive maintenance system for financial systems.
- Integrated AI models into existing banking software, enhancing user experience.
- Conducted quarterly training sessions for staff on emerging AI technologies.
- Collaborated with compliance teams to ensure AI solutions met regulatory standards.
- Utilized MATLAB for model development, resulting in a 25% decrease in processing time.

AI DEVELOPER

Healthcare Innovations

2014 - 2016

- Developed AI algorithms to improve patient diagnosis accuracy by 20%.
- Worked with cross-functional teams to integrate AI solutions into hospital management systems.
- Performed data analysis on patient data to identify trends and improve care outcomes.
- Implemented machine learning models for predicting patient readmission rates.
- Conducted research on new AI technologies to enhance healthcare delivery.
- Presented findings at healthcare technology conferences, gaining recognition in the industry.