MICHAEL
ANDERSON

Senior AI Research Engineer

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Proactive AI Research Engineer with a unique focus on cybersecurity and fraud detection. With over 8 years of experience, I specialize in developing machine learning models that identify and mitigate security threats in real-time. My role involves collaborating with cybersecurity teams to enhance threat detection capabilities and protect sensitive data. I possess a strong understanding of data privacy regulations and compliance standards, ensuring that AI implementations adhere to legal requirements.

WORK EXPERIENCE

Senior AI Research Engineer | CyberSecure Technologies   Jan 2022 – Present

- Developed advanced machine learning models that reduced false positive rates in fraud detection systems by 50%.
- Collaborated with security analysts to identify key risk indicators for potential threats.
- Conducted comprehensive data analysis to improve the accuracy of threat detection algorithms.
- Presented security insights to executive teams, facilitating informed decision-making.
- Trained junior staff on AI techniques and best practices in cybersecurity.
- Participated in incident response teams to mitigate security breaches.

AI Security Consultant | SecureTech Solutions   Jul 2019 – Dec 2021

- Assisted in developing AI-driven tools for real-time monitoring of network security.
- Analyzed threat intelligence data to inform security measures and response strategies.
- Collaborated with clients to design custom security solutions based on their specific needs.
- Conducted training sessions on AI applications in cybersecurity.
- Reviewed and improved security protocols to enhance data protection.
- Contributed to research papers on the impact of AI in cybersecurity.

SKILLS

Machine Learning   Cybersecurity   Python   Data Analysis   Threat Detection   Risk Management

EDUCATION

Master of Science in Cybersecurity   2015 – 2019
University of Maryland

ACHIEVEMENTS

- Reduced fraud detection response times by 40% through optimized AI models.
- Received the 'Innovative Security Award' for contributions to AI in cybersecurity.
- Published research on AI applications in fraud detection in a cybersecurity journal.

LANGUAGES

English   Spanish   French