Tony Smith

AI Engineer

⊙ Gloucester, UK

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Dynamic AI Engineer with experience in developing and optimizing machine learning models. Skilled in leveraging advanced algorithms to solve complex problems and enhance business outcomes. Passionate about applying AI techniques to real-world challenges and committed to driving innovation in technology.

Skills

Technical Skills

Deep learning

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Natural Language Processing

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Predictive Modeling

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Statistical Analysis

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Chatbot Development and Testing

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Algorithms

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Programming Languages
Python, JavaScript, C/C++

Frameworks & Libraries
TensorFlow, PyTorch, NLTK, SpaCy, OpenCV

Education

University of Manchester
2013 - 2017
Bachelor of Science
Computer Science

Certifications

AWS

Experience

Deepset   2022 - Present
Senior AI Engineer   Berlin, Germany(Remote)

- Designed and implemented advanced algorithms for intent recognition and entity extraction, managing over 1,000 types of interactions using NLP techniques.
- Trained and optimized machine learning models with TensorFlow and Keras, achieving a precision of 92% and recall of 89%.
- Integrated a chatbot solution with 3 CRM systems, enabling interaction with over 10,000 users.
- Processed and annotated 50,000+ data entries to enhance model training.
- Optimized data pipeline performance to handle high-volume data streams, reducing latency by 25% and improving processing speed.
- Deployed AI models across 5 platforms, improving response accuracy by 15%.

Snorkel AI   2020 - 2022
AI Engineer   Stanford, California, USA(Remote)

- Developed and fine-tuned 15+ labeling functions to improve training data quality, resulting in a 25% increase in model accuracy.
- Optimized data processing pipelines, reducing dataset creation time by 30%.
- Automated data preprocessing, labeling, and quality assurance with 10 custom scripts.
- Provided technical support to over 30 clients, including training sessions and troubleshooting.
- Contributed to the development of 5 new features and resolved 60+ bugs based on user feedback.

Cortexica   2017 - 2020
Junior AI Engineer   London, UK

- Assisted in implementing and fine-tuning computer vision models for visual search, improving image retrieval accuracy by 20%.
- Collaborated with a team of 6 engineers to integrate AI solutions into 5
- client-facing applications, resulting in a 15% increase in user engagement.
- Conducted performance evaluations and 50+ experiments to optimize model efficiency and scalability.
- Documented 10+ technical processes and provided support for 10+ client integrations and troubleshooting