Laura Anderson

Contact Information

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Summary

Experienced Machine Learning Scientist with a passion for developing innovative solutions using advanced machine learning algorithms. Over 8 years of expertise in machine learning research, model development, and deployment. Proficient in applying machine learning techniques to real-world problems and driving impactful results.

Skills

Machine Learning Research

Deep Learning

Natural Language Processing (NLP)

Model Development and Deployment

Python (NumPy, pandas, scikit-learn, TensorFlow, PyTorch)

Big Data Technologies: Hadoop, Spark

Cloud Platforms: AWS, Google Cloud

Education

Ph.D. in Computer Science, Stanford University, USA
2012 - 2016

MSc in Machine Learning, University of Cambridge, UK
2010 - 2011

BSc in Computer Science, MIT, USA
2006 - 2010

Professional Experience

Machine Learning Scientist, DeepMind, London, UK
Oct 2018 - Present
- Conducting cutting-edge research in deep learning and reinforcement learning. - Developing novel machine learning algorithms for complex problem domains. - Collaborating with cross-functional teams to integrate machine learning models into production systems.

Research Scientist, OpenAI, San Francisco, USA
Jan 2016 - Sep 2018
- Contributed to the development of state-of-the-art natural language processing models. - Published research papers in top-tier machine learning conferences. - Collaborated with external research partners to advance the field of artificial intelligence.

Machine Learning Engineer, IBM Research, New York, USA
Jun 2011 - Dec 2015
- Implemented machine learning algorithms for data analysis and pattern recognition. - Developed predictive models for various industries, including healthcare and finance. - Collaborated with clients to understand their business needs and provided customized machine learning solutions.

Projects

Deep Reinforcement Learning for Game AI
- Led a team to develop deep reinforcement learning models for game AI, achieving superior performance in strategy games. - Implemented custom neural network architectures and fine-tuned model parameters for optimal results. - Published research findings in top-tier AI conferences.

Natural Language Processing for Medical Record Summarization
- Developed an NLP model to automatically summarize medical records, improving efficiency in healthcare data analysis. - Utilized advanced techniques in natural language processing and deep learning for information extraction.