

Thomas Brown Machine Learning Engineer

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Professional Summary

Machine Learning Engineer with 6 years deploying ML models to production. Expert in deep learning, computer vision, and MLOps. Published research in NeurIPS and ICML conferences.

Professional Experience

Senior ML Engineer | Al Innovations Lab

Boston, MA | 2020 - Present

- Deployed computer vision models processing 1M+ images daily
- Built MLOps pipeline with Kubeflow and MLflow
- Reduced model inference time by 70%
- Led research on transformer architectures

ML Engineer | DataMind Corp

Cambridge, MA | 2018 - 2020

- Developed NLP models for text classification
- Implemented A/B testing for model deployments
- Created data pipelines with Apache Airflow

Education

PhD in Machine Learning

MIT | 2018 | GPA: 3.9/4.0

Technical Skills

ML Frameworks: PyTorch, TensorFlow, JAX, Scikit-learn

MLOps: MLflow, Kubeflow, Weights & Biases, DVC

Languages: Python, C++, CUDA, SQL

Cloud ML: SageMaker, Vertex AI, Azure ML

Languages

English (Native)

Certifications

• TensorFlow Developer Certificate