

Dr. Emma Zhang

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Education:

Ph.D. in Machine Learning - MIT (2018)

BSc in Computer Science - Tsinghua University (2014)

Experience:

Tesla AI Research - Senior AI Engineer (2020-Present)

- Developed a Transformer-based object detection pipeline for FSD.
- Integrated TensorRT models on NVIDIA Jetson for edge inference.
- Reduced latency by 22% with ONNX optimizations.

Google Brain - AI Research Intern (Summer 2017)

- Worked on image classification using EfficientNet variants.

Skills:

PyTorch, TensorFlow, CUDA, TensorRT, ONNX, Deep Learning, NLP, CNNs, LLMs