7 Courses

Debug Neural Networks: Analyze Training Dynamics

Optimize PyTorch: Build and Accelerate Layers

Optimize AI: Fine-Tune & Maximize Accuracy

Optimize AI: Build Fast Efficient Pipelines

Evaluate and Create ML Workflows Visually

NLP: Fine-Tune & Preprocess Text

GPU Clusters & Containers

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experts in the field

Rui Su

has successfully completed the online Specialization

Deep Learning Engineering

Now that you have completed the Deep Learning Engineering Specialization, you possess comprehensive skills to build, optimize, and deploy production-scale AI systems. This certificate demonstrates your advanced expertise and can be shared with your professional network. Throughout this program, you engaged with instructional videos, hands-on labs, and practical projects, developing proficiency in critical deep learning engineering competencies, including: • Diagnosing neural network training issues using TensorBoard. • Building custom PyTorch layers and accelerating training with mixed precision. • Fine-tuning transformer models for computer vision and NLP. • Constructing efficient data pipelines and optimizing computational graphs.

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