

Dr. Emily Johnson

Lead Data Scientist | 7 years experience

Contact: emily.johnson@email.com | Boston, MA

Education:

- PhD in Computer Science (Machine Learning), MIT (2017)
- MS in Applied Mathematics, Harvard University (2014)
- BS in Physics, Caltech (2012)

Experience:

Lead Data Scientist - Airbnb (2020-Present)

- Lead data science initiatives for pricing optimization and demand forecasting
- Developed computer vision models for property image analysis using CNNs
- Built end-to-end ML systems serving millions of daily predictions
- Managed team of 6 data scientists across multiple product areas
- Established MLOps practices and model monitoring frameworks

Senior Data Scientist - Facebook (2018-2020)

- Worked on News Feed ranking algorithms using deep learning
- Developed large-scale experimentation platform for A/B testing
- Built recommendation systems for content discovery
- Collaborated with research teams on cutting-edge NLP projects

Data Scientist - Microsoft Research (2017-2018)

- Conducted research on reinforcement learning and published 4 papers
- Developed novel algorithms for multi-armed bandit problems

Technical Skills:

- Programming: Python, C++, SQL, R
- ML/DL: TensorFlow, PyTorch, scikit-learn, Keras, JAX
- NLP: spaCy, NLTK, Transformers, BERT
- Computer Vision: OpenCV, PIL, scikit-image
- Cloud: AWS, Azure, GCP
- Big Data: Spark, Hadoop, Presto

Publications: 8 peer-reviewed papers in top-tier conferences (ICML, NeurIPS, ICLR)