

Dr. Jennifer Liu

Senior Data Scientist | 9 years experience

Contact: jennifer.liu@email.com | San Jose, CA

Education:

- PhD in Electrical Engineering (Signal Processing), Stanford University (2015)
- MS in Computer Science, Carnegie Mellon University (2012)
- BS in Electrical Engineering, UC Berkeley (2010)

Experience:

Principal Data Scientist - Adobe (2020-Present)

- Lead ML initiatives for Creative Cloud products
- Developed computer vision models for image and video analysis
- Built recommendation systems for creative content discovery
- Managed team of 8 data scientists across multiple product lines
- Published research on creative AI and received 3 patents

Senior Data Scientist - Apple (2017-2020)

- Developed machine learning models for Siri natural language understanding
- Built recommendation algorithms for App Store and Apple Music
- Created privacy-preserving ML techniques for on-device inference
- Led cross-functional projects with hardware and software engineering teams

Data Scientist - Intel (2015-2017)

- Developed signal processing algorithms for IoT devices
- Built predictive models for semiconductor manufacturing optimization
- Created anomaly detection systems for hardware testing

Technical Skills:

- Programming: Python, C++, MATLAB, SQL
- ML/DL: TensorFlow, PyTorch, scikit-learn, Keras
- Computer Vision: OpenCV, PIL, matplotlib
- NLP: spaCy, NLTK, Transformers
- Signal Processing: FFT, wavelets, digital filters
- Cloud: AWS, GCP, Azure

Patents: 8 granted patents in machine learning and signal processing **Publications:** 15+ conference papers and journal articles