

Machine Learning Engineer

**Machine Learning Engineer at Apple
San Francisco Bay Area, CA**

Machine Learning Engineer (NLP) at Apple. Previous AI Code Reviewer at Udacity
Deep Learning NanoDegree. UIUC Computer Science Master in Machine Learning. Built world-class performance NLP products in the field of Text Classification, Sentiment Analysis, Language Models Training and Conversational AI in both English and Chinese.

Authorized to work in United States for any employer

Work Experience

Machine Learning Engineer

Apple - Sunnyvale, CA

January 2017 to Present

- Fast-prototyped and implemented production code with state-of-the-art algorithms on NLP products that used in Apple's global businesses.
- Individually finished the whole data pipeline from inputting raw data to model deployment.
- Read large amount of state-of-the-art research papers and actively interacted with AI communities to stay in the cutting edge of technology.
- Excellent relationship with multi-functional teams and communicated ideas clearly and friendly.

Mentor & AI Code Reviewer

Udacity - San Francisco Bay Area, CA

January 2017 to January 2017

- Reviewed python codes for deep learning student projects in NLP, Computer Vision, Reinforcement Learning and Generative Adversarial Networks(GAN).
- Guided students to identify and fix High Variance and Over-fitting problems with regularization using L2 norm, dropout and data augmentation.
- Provided training guides such as Inputs Normalization, Weight Initialization, Batch Normalization and Optimization.
- Shared insights on Hyper-parameter Turning in scale such as random search technique for learning rate, mini-batch size, numbers of hidden units and number of layers to achieve higher performance.

Education

Master's in Computer Science

University of Illinois at Champaign-Urbana

January 2017 to January 2018

MBA in Statistics

University of California Riverside, CA

January 2009 to January 2011

Skills

Python (2 years), TensorFlow (2 years), Keras (2 years), Algorithm (Less than 1 year), Machine Learning (Less than 1 year)

Certifications

Deep Learning NanoDegree -- Udacity

January 2017

Additional Information

- Proficient in Python, TensorFlow, Keras, AWS, Turi, Cuda, SK-Learn, NLTK, Pandas and Numpy.
- Proficient in English, Mandarin and Cantonese.
- Strong written and verbal communication skills and experienced working with cross-functional team.