

Nanqing DONG

Work Experience

- **Software Engineer, Senior, Petuum, Inc.**, Pittsburgh, PA, US Present
- **Software Engineer, Associate Senior, Petuum, Inc.**, Pittsburgh, PA, US July 2018
- **Data Scientist, Petuum, Inc.**, Pittsburgh, PA, US Jan 2018

Technical Skills

- **Computer Science:** Medical Image Analysis, Computer Vision, Machine Learning, Natural Language Processing, Distributed System, Database
- **Statistical Science:** Data Mining, Financial Engineering, Stochastic Process, Queue Theory, Convex Optimization
- **Programming:** Python, Java, MATLAB, Octave, Julia, C/C++
- **Analytics Tools:** R, SAS
- **DL Framework:** Caffe, Torch, TensorFlow, PyTorch, Keras, CUDA
- **Database, Cloud & Distributed System:** MySQL, Oracle Database, AWS, Ali Cloud, Google Analytics, Hadoop, Spark
- **Web & Data Visualization:** JavaScript (D3, jQuery), HTML, CSS
- **Operating System:** Ubuntu, CentOS, Fedora, MacOS, Windows

Education

- **Cornell University**, Faculty of Computing and Information Science, Ithaca, NY, US Jan 2017
M.S. Applied Statistics, GPA 3.9
Research Interests: Statistical Machine Learning, Deep Learning, Natural Language Processing
- **University of Liverpool**, School of Physics, Liverpool, England, UK Jun 2015
B.S. Honor in Mathematics, First Class, GPA 4.0
Research Interests: Financial Mathematics, Operational Research

Research Experience

- **Data Scientist, Petuum, Inc.** Present
Topic: Medical Image Analysis
Supervisors: Dr. Wei Dai, Dr. Xiaodan Liang, Dr. Pengtao Xie
- **Graduate Research Assistant, Johnson School of Management, Cornell University** Dec, 2016
Topic: Fama-French Factor Models
Supervisor: Prof. Scott D. Steward
- **Graduate Researcher, College of Human Ecology, Cornell University** May, 2016
Topic: Tuberculosis and Comorbidities among Patients in Rural India
Supervisor: Prof. John Bunge
- **Graduate Research Assistant, Dyson School of Applied Economics, Cornell University** May, 2016
Topic: Sentiment Analysis in Behavior Economics & Document Classification
Supervisor: Prof. Byoung-Hyoun Hwang

Certification

- SAS Certified Programmer for SAS 9 (License No. BP054549v9)