Dapeng Li   M.S. Student in Computer Science   Oregon State University

CONTACT INFORMATION

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1-610-751-1355

EDUCATION

Oregon State University, School of EECS

M.S. Student in Computer Science (AI Group)   GPA: 4.0/4.0   *Sep. 2015 – June 2017*

Full Scholarship with Teaching Assistantship

- CS 540: Database Management Systems   *Winter 2017*
- CS 550: Introduction to Computer Graphics   A
- CS 533: Intelligent Agents and Decision Making (Reinforcement Learning)   A
- CS 572: Computer Architecture   A
- CS 519: Deep Learning   A
- CS 516: Theory of Computation   A
- CS 534: Machine Learning   A
- CS 515: Algorithms and Data Structures   A

City University of New York, Queens College

Non-Degree Student in Computer Science   GPA: 4.3/4 (all A+)   *Sep. 2014 – July 2015*

University of Southern California, Keck School of Medicine

M.S., Molecular Microbiology and Immunology   GPA: 3.78/4.0   *Sep. 2010 – May 2012*

Qingdao University, Medical College

B.S., Clinical Medicine   GPA: 87/100   *Sep. 2005 – July 2010*

RESEARCH PROJECTS

- **Machine Learning Project**: Kaggle competition "What's cooking?".   *Fall 2015*
  - Multiclass classification (`scikit-learn`) enhanced by word embeddings (`word2vec`);
  - Hierarchical clustering of cuisines with Ward linkage
  - Dimensionality reduction using PCA: project all cuisines onto two dimensions

- **Database Management Systems Project**: housing price prediction using data crawled from craigslist.org for Corvallis area.   *Winter 2017*
  - Collected data by crawling the Web using `Scrapy`
  - Stored and queried the data using `MySQL`
  - Trained two regression models (linear and neural) to predict price (`scikit-learn`)

- **Computer Graphics Project**: animated 3D scene (with textures) of the solar system using OpenGL.   *Fall 2016*

COMPUTER SKILLS

- *Languages:* Python, Java, C/C++, LaTeX, Haskell, SQL, Prolog, JavaScript, HTML/CSS
- *Toolkits/Libraries:* OpenGL, Theano, scikit-learn, Hadoop, MySQL
- *Operating Systems*: Linux/Unix (Shell script), Mac OS X, Windows

TEACHING EXPERIENCE

CS 344, Operating Systems I (Spring 16, Fall 16, Winter 17);
CS 325, Algorithms (Winter 16, Summer 16); **CS 261, Data Structures** (Fall 15).

PUBLICATIONS

- Z. Zhao, S. Oh, **Dapeng Li**, et al. (2012), A Dual Role for UVRAG in Maintaining Chromosomal Stability Independent of Autophagy, *Development Cell*, **23** (5), 1001-16.

OTHER INFO.

- Citizen of the People's Republic of China. Permanent Resident of the United States.