JIE LEI

Email: jielei@cs.unc.edu
Site: jayleicn.github.io

EDUCATION

University of North Carolina at Chapel Hill   Aug. 2017 - Present
Ph.D. in Computer Science, Expected May 2022

University of Electronic Science and Technology of China (UESTC)   Sept. 2013 - June 2017
B.Eng in Computer Science & Technology
Yingcai Honors College (for top 5% undergraduates)
GPA: **3.98**/4.00 (**91.21**/100) Rank: **3**/89

EXPERIENCE

Nanyang Technological University   Oct. 2016 - Apr. 2017
Research Assistant with Prof. Sinno Jialin Pan   *Singapore*

· Focused on transfer learning problems in computer vision.
· Investigated deep hash models for fast image retrieval.

University of Manitoba   July 2016 - Oct. 2016
Research Intern with Prof. Yang Wang   *Winnipeg, Canada*

· Worked on weakly supervised image classification.
· Built a CNN based model to leverage the hierarchy information of the image labels.
· Designed algorithms to utilize partially labeled images.

University of Electronic Science and Technology of China   Sept. 2015 - June 2016
Research Assistant with Prof. Zenglin Xu and Prof. Yang Yang, respectively   *Chengdu, China*

· Earned two Coursera Machine Learning MOOC certificates [from the University of Washington].
· Contributed to the creation of a 500GB short-video dataset by designing a web crawler routine.
· Investigated algorithms on sentiment analysis.
· Worked on CNN feature extraction.

PUBLICATION

[1] **Jie Lei**, Zhenyu Guo, Yang Wang. Weakly Supervised Image Classification with Coarse and Fine Labels.
The 14th Conference on Computer and Robot Vision (CRV), 2017

AWARDS

Globalink Research Intern Award(200 undergraduates across China), Mitacs, Canada.   2016

Meritorious Winner (5%), in the 2016 Interdisciplinary Contest In Modeling, COMAP, USA   2016

1st Class Scholarship for Academic Excellence (5%), UESTC, China   2015-2016

3rd Prize in University-wide Tennis Competition, UESTC, China   2015

Futong Scholarship (2%), Futong Group, China   2014

TECHNICAL & LANGUAGE STRENGTHS

Programming	C\C++, Python, Lua, Matlab
Tools	PyTorch, Caffe, Torch7, MatConvNet, Linux, Vim, Git, Latex, Scrapy