

Peidong Liu

Mobile Phone: +86 137-1917-6449

E-mail: perdon.liu@gmail.com



Education

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| To be enrolled | Tsinghua University, Department of Computer Science and Technology, Master |
| 09/2015~present | Sun Yat-sen University (SYSU), School of Data and Computer Science, Bachelor Major: Software Engineering; Overall GPA: 3.9/4.0; Ranking: 2/119 (Top 2%) |
| 01/2018~05/2018 | National University of Singapore(NUS), School of Computing, Exchange Student |

Publications

- C. Li, Y. Lu, J. Wu, Y. Zhang, Z. Xia, T. Wang, D. Yu, X. Chen, **P. Liu**, and J. Guo. LDA Meets Word2Vec: A Novel Model for Academic Abstract Clustering. In The 2018 Web Conference Companion (WWW 2018) [pdf]
- **P. Liu**. Deep Flow Collaborative Network for Visual Tracking (Undergraduate Thesis)

Awards

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| 12/2018 | Exchange Student Scholarship of Sun Yat-Sen University | |
| 10/2017 | Bronze Award in Intel Cup-Parallel Application Challenge, China | Team Member |
| 01/2017 | Honorable Mention in Interdisciplinary Contest in Modeling | Team Leader |
| 2016-2017 | First Class Scholarship of Sun Yat-Sen University | |

Research and Teaching Experiences

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| 11/2018~Present | Fundamental Technique Research Group, SenseTime Research Mentor: LiTong Feng (Senior Researcher, Ph.D.) <ul style="list-style-type: none">Solely responsible for building the entire pipeline for converting pytorch models to caffe models, including models for classification (Resnet, Inception Resnet series) and Object Detection (SSD, Faster Rcn), etc. | Research Intern |
| 06/2018~08/2018 | Institute of Information System and Engineering, School of Software, THU Mentor: Chunping Li (Associate Professor, School of Software, THU) <ul style="list-style-type: none">Implemented the code of several common topic models in NLP area like LDA, GSDMMAnalyzed Weibo data through topic models above and performed experiments | Research Assistant |
| 03/2018~05/2018 | NUS-Tsinghua Center for Extreme Search(NExT++), NUS Mentor: Chua Tat-Seng (KITHCT Chair Professor, Founding Dean of the School of Computing, NUS) <ul style="list-style-type: none">Designed an algorithm for food classification with complex names using NLP | Research Assistant |
| 10/2017~02/2018 | Smart Mobile Computing Lab, SYSU Mentor: Xu Chen (Professor, School of Data and Computer Science, SYSU) <ul style="list-style-type: none">Engaged in modeling the prediction of the information growth, especially in WeChat MomentPerformed a number of experiments, such as analyzing raw data more than 30GB on WeChat Moment through data mining methods as well as graphing illustrations like Information Diffusion~Time graph | Research Assistant |
| 07/2017~10/2017 | NLP Group, Guangdong Province Key Lab of Computational Science, SYSU Mentor: Yao Lu (Professor, School of Data and Computer Science, SYSU) <ul style="list-style-type: none">Participated in text mining of medical scientific literature, including preprocessing, word vector representation with word2vec, vector dimensionality reduction with PCA model, keywords obtained via TF-IDF model, topic number analysis via AP model and article topics obtained via LDA modelRealized parallelization with Spark using Scala | Research Assistant |

Extracurricular Experiences

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| 03/2016~09/2016 | Organizing Committee, AIESEC in SYSU, Guangzhou | Member |
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Computer Skills

Programming Languages: C; C++; Python; Java; Scala; R; Html; Javascript; Nodejs; Angularjs

Others: SQL; MongoDB; Spark; Matlab; Pytorch; Caffe; Tensorrt; Docker; Onnx