Zhan-Ming Ou

Gender: Male
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Address: Sun Yat-sen University (SYSU), Guangzhou, China

EDUCATION

Master of Science in Engineering
Major: Software Engineering
School of Software, Sun Yat-sen University, expected Jun. 2016

Bachelor of Engineering
Major: Software Engineering (Computer Application Software)
School of Software, Sun Yat-sen University, Jun. 2014
GPA: 3.72/5.0 (top 15%)

COMPUTER SKILLS

Familiar With: C++, Python, Linux, Vim, basic algorithm and data structure.
Develop In: Machine Learning and Data Science.
Have Experience With: Deep Learning, Learning to hash, Hadoop, C, Java, LaTeX

PROJECT EXPERIENCE

Clothes Searching with Deep Network October, 2014
This project aims to help users to find similar clothes or bags on the e-commerce websites with their reference photoes. We conduct a clothes/bags detection on the crawled data and train our deep Convolution Neural Network(CNN) based on the clothes context infomations for image search.

Emerging Topic Detection on SYSU Community Spring Semester, 2013
In the project, we crawled 2.6 million tweets of 8000 SYSUers in Sina Weibo. By modeling the content lifecycle and energy of each word, we found out the popular events in the SYSU community in Sina Weibo and tracked the trends.

Beauty Minng in Sina Weibo Fall Semester, 2012
In this project, we dig out the beauties who are within n weibo relationship chains of the user. Beauty is judged by observing the features of her weibo infomation and using Native Bayesian classifier to do emotional analysis on their tweetContents and tweetComments.

WORK EXPERIENCE

SDE Intern, Tencent Inc., Shenzhen Jul. 2013 - Sep. 2013
SE Intern, NLP Dept. Baidu Inc., Shenzhen May. 2014 - Aug. 2014

RESEARCH EXPERIENCE

Gradient Boosting Based Semi-Supervised Asymmetry Hashing 2014
We design a new learning to hash model motivated by the asymmetry hashing for shorted code. Given the affinity matrix S, we conduct a matrix fatorization process using Gradient Boosting in order to utilize available auxiliary information to improve prediction accuracy. Besides, we also use an ITQ process to minimize the quantization error of the matrix fatorization result.

AWARD

- SYSU Outstanding Students Fisrt-class Scholarship (Nov., 2011)
- SYSU Outstanding Students Second-class Scholarship (Nov., 2012)
- Second Prize of SYSU International Collegiate Programming Contest (Apr., 2013)