Zhiming Peng

CONTACT INFORMATION	*Mobile:* +1 2132040830 *Email:* zhimingp@usc.edu

Mobile: +1 2132040830
Email: zhimingp@usc.edu
http://www-scf.usc.edu/~zhimingp/

EDUCATION

University of Southern California, Los Angeles, USA
    M.S. Major in Computer Science, General track   Aug. 2016 - present
Zhejiang University, Hangzhou, P.R. China
    B.S. Major in Computer Science and Technology   Aug. 2011 - Jun. 2015
- Chu Kochen Honors College Mixed Class

Tianjin Yaohua Middle School, P.R. China
    Senior High School Student   Sep. 2008 - Jun. 2011
- Experimental Class of Early Intellectual Development

EMPLOYMENT INFORMATION

SIS Research Center, Singapore Management University
Research Engineer, Advisor: Assist. Prof. Youngsoo KIM   Aug. 2015 - Aug. 2016
- Built a model to predict whether two Twitter/Weibo users are offline friends.
- Extracted the features of program codes and developers' experience from open-source projects, to improve the quality of the codes.
- Cheng X, Peng Z, Jiang L, et al. Detecting Cross-Language Clones without Intermediates. Automated Software Engineering (ASE), 2016 31th IEEE/ACM International Conference on. IEEE, 2016 to appear.

RESEARCH EXPERIENCE

Institute of Artificial Intelligence, Zhejiang University
Undergraduate Member, Advisor: Assoc. Prof. Xiaogang Jin
- Studied and did research on machine learning and complex network.
- Measuring Subgraph Transforms in Network Evolution.

Living Analytics Research Centre, Singapore Management University
Exchange Student, Advisor: Assist. Prof. Youngsoo KIM
The Analysis and Prediction of the Behavor in User Adopting Application Based on Real Social Network. (Graduate Thesis)
- Analyzed the relationship between users' features (such as individual attribute, network measure, communication pattern, etc.) and their behaviors in adopting application in SNS.
- Built a model with these features to predict users' behavior.

Zhejiang Province Key Innovation Research Program   Jan. 2014 - Jun. 2015
Food Image Segmentation and Recognition and its Application Adviser: Prof. Gang Pan
- Established food image dataset from school dinning hall, then developed an algorithm using Hough Transformation for any templates to segment the cuisine by plates
- Extracted the features from the images and trained a classifier. The features included Color Histogram, Tamura texture features, SIFT; Bag of Visual Word, Locality-constrained Linear coding to present the image.
- Created an Android app, which can identify the food and record them for user. Base on this information and nutrients in food, taste, it will give food suggestions to users.

Student Research Training Project   Mar. 2013 - May. 2014
Program Trading for Stock Market, Advisor: Prof. Xiaohu Yang
- Compared program trading with traditional trading, and a demo for them.

AWARDS AND HORNORS

- Temasek Foundation Leadership Enrichment and Regional Networking Programme   2014
- Second-class Scholarship for Outstanding Students (Academic)   2014
- Second-class Scholarship for Outstanding Merits (All rounder)   2014
- Third-class Scholarship for Outstanding Students (Academic)   2013
- Third-class Scholarship for Outstanding Merits (All rounder)   2013

EXTRA CURRICULAR ACTIVITIES

- Vice minister, Dept. Network of CKC College Student Union   2012-2013
- Vice minister, Dept. Publicity of CKC College League   2012-2013
- Students Quality Training Project   Sep. 2013 - Mar. 2014
- Social Practice in Tianjin and Beijing, China   Summer, 2012
- Social Practice in Hangzhou and Shaoxing, China   Summer, 2013
- Community Service for adults in mental disease, IMH Singapore   Sep. 2014

SKILLS

- Programing Language & Documentation: C/C++, Python, PHP, Matlab, LaTeX