

Fengchao Xiong

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EDUCATION ♦ **Zhejiang University**, Hangzhou, Zhejiang.
Ph.D. candidate supervised by Prof. Yuntao Qian in Computer Science, expected graduation: 2019.

◇ **Shandong University**, Jinan, Shandong
B.E in School of Software Engineering, July 2014.
Thesis title: *Research on Fingerprint Image Segmentation Algorithm Based on Unsupervised Learning*.
Supervisor: Prof. *Gongping Yang*.

◇ **Wuhan University**, Wuhan,Hubei.(2011.9-2012.7)
Exchange Student in International School of Software.

RESEARCH Machine learning, Statistical pattern recognition,
INTERESTS Image processing,Signal processing.Tensor decompostion.

RESEARCH ◇ Radar signal processing and recognition ,cooperate with *SWIEE*(July 2015- February 2017).

PROJECTS ◇ Object classification(recongnition) based on opencv ,SVM,BOW,QT etc.

◇ RA in CS.*Information Retrieval Lab* .SDU Supervisor: Prof.*Jun Ma*.
Data Mining ,Social Network Analysis

◇ Research on Fingerprint Image Segmentation Algorithm Based on Unsupervised Learning(March 2014 – June 2014)

- ◇ Intern for KVM migration (IBM) (June 2013 – July 2013)

◇ Doodle system based on Android (May 2013-June 2013)

◇ Online text editor software based on JavaScript (visit <http://www.xiongfuli.com/sduoe/test.html> for details) (May 2013-June 2013)

◇ Doodle system based on Android (May 2013-June 2013)

- ◇ Design and implementation of an operating system based on nachos(Not Another Completely Heuristic Operating System)(October 2012 – December 2012)

- ◇ Design and implementation of a music player based on JMF(October 2012 – December 2012)

- ◇ Medical management software based on SSH

- ◇ Instant Messaging Software(MiniQQ) based on Java(April 2011-June 2011)

PUBLICATION Yuntao Qian, **Fengchao Xiong**, Shan Zeng, Jun Zhou, and Yuanyan Tang. "Matrix-Vector Nonnegative Tensor Factorization for Blind Unmixing of Hyperspectral Imagery". IEEE Transactions on Geoscience and Remote Sensing.

SKILLS ◇ Proficient:Java,HTML,CSS,JavaScript,Matlab

◇ Familiar:C,C++,Python,Latex,Linux

- ◇ Math:Advanced Mathematics,Linear Algebra,Probability,Statistics
- ◇ Languages: English:Fair ; Chinese: Native

INTERNSHIP EXPERIENCE ◇ **Software Engineer Intern**(mainly write the graduation thesis of Master of Software Engineering), Unknown Company,Jinan (2014.2 – 2014.6)

- ◇ **Operation Engineer Intern**, Yujian Software Company,Jinan (2014.2 – 2014.6)

TOOLS ◇ Latex template for bachelor thesis of Shandong University:*code*