

# Fengchao Xiong

Zhejiang University  
College of Computer Science  
38 Zheda Road  
Hangzhou Zhejiang Province  
310058 P.R.China  
fcxiong@zju.edu.cn  
<http://www.xiongfuli.com/>

- EDUCATION    ♦ **Zhejiang University**, Hangzhou, Zhejiang.  
Ph.D. in Computer Science, expected graduation: 2019.  
Supervisor: Prof. Yuntao Qian.
- ♦ **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.
- ♦ **Scholarships & Honors**
- Second-School Scholarship (September 2012)
  - Second-Class Scholarship (September 2012)
  - National Endeavor Fellowship (September 2011)
  - Second-class Scholarship (September 2011)
  - Social Scholarship (September 2011)
  - Third prize at North-China mathematics modeling competition
  - Others
- RESEARCH INTERESTS    Machine learning, Statistical pattern recognition,  
Image processing, Signal processing, Tensor decomposition, Multi-task Learning
- RESEARCH PROJECTS    ♦ Object classification (recognition) 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 detail) (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)

- SKILLS      ◇ Proficient:Java,HTML,CSS,JavaScript,Matlab  
              ◇ Familiar:C,C++,Python,Latex,Linux  
              ◇ Math:Advanced Mathematics,Linear Algebra,Probabilty,Statistics  
              ◇ Languages: English:Fair ; Chinese: Native
- INTERNSHIP   ◇ **Software Engineer Intern**(mainly write the graduation thesis of Master of Software En-  
EXPERIENCE    gineering), Unknown Company,Jinan (2014.2 – 2014.6)  
  
              ◇ **Operation Engineer Intern**, Yujian Software Company,Jinan (2014.2 – 2014.6)
- TOOLS        ◇ Latex template for Shandong University:*code*