

PhD. Harvey Hongwei Li

Lecturer, Senior Software Developer



宏伟 李
Hongwei Li

Sex

Male

Date of Birth

13 November, 1975

Citizenship

P.R.China

Major

Computer Science

Professional
Title

Lecturer

Unit's Name
and Address

School of Computer
and Information
Engineering,
Jiangxi Normal
University

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Education

1/2016-9/2010 **Doctor of Science**

Fudan University, China



Computer Software & Theory, Software Maintenance & Software Reengineering.

Dissertation: *Research on Supporting Techniques for Context-Aware Help Seeking for Developers.*

Supervisor: Prof. Wenyun Zhao.

6/2008-9/2004 **Master of Engineering**

Jiangxi Normal University, China



Computer Application, Information Retrieve & Spam Filtering.

Equivalent master's degree.

Master's Thesis: *Research on Transfer Learning Spam Filtering.*

Thesis Supervisor: Prof. Mingwen Wang.

6/1999-9/1995 **Bachelor of Engineering**

Jiangxi Normal University, China



Computer Software.

First Class with Distinction in all eight semesters.

This education is associated with 49 courses, 2 projects, 13 honours and awards.

Research Interests & Publications

Research Interests

I am a Lecturer of Computer Science at Jiangxi Normal University. My broad research area is **software engineering and computer education**, and my specific interests include **software developer's behavior, software maintenance and reengineering, software analytics, software engineering for mobile/Internet computing, software evolution**.

The questions that motivated my research include: How to help software developers to work collaboratively, concurrently, and independently from each other? How to deal with the modules which can evolve independently in a software system with less "bad smells", eg. code clone? Does the modules worthwhile to refactor? How to detect software quality problems which need huge effort to maintain?

2016

Publications

Software Engineering

8) Yixiao Li, **Hongwei Li**, Liwei Shen, Wenyun Zhao, *Automatic Ontology Population Based on Heuristic Rules*, Computer Science (ISSN 1002-137X), 2016, 43(3): 213-219.

7) Wuneng Zhang, **Hongwei Li**, Liwei Shen, Wenyun Zhao, *Method of Code Evolution Recommendation for Database Schema Change*, Computer Science (ISSN 1002-137X), 2016, 43(2): 216-223.

Web Presence

School Website
www.jxnu.edu.cn

ResearchGate.net
/profile/Hongwei_Li30

cn.LinkedIn.com
/in/hongwei-li-a5130184

Programming

Java, C, C++, SQL

OS Preference

Linux ★★★★★

Mac OS X ★★★★★

Windows ★★★★★

Languages

Chinese ★★★★★

English ★★★★★

Hobbies

Cooking, Badminton,
Cycling, Movie.

Legal

Age: 41
Chinese

2015

6) Jie Liu, **Hongwei Li**, Liwei Shen, Wenyun Zhao, *An Approach for Construction and Consistence Maintenance of Distributed Ontology*, Computer Applications and Software(ISSN 1000-386X), 2015,32(10):15-20,77.

5) **Hongwei Li**, Xuejiao Zhao, Zhenchang Xing, Lingfeng Bao, Xin Peng, Dongjing Gao, Wenyun Zhao, *amAssist: In-IDE Ambient Search of Online Programming Resources*, 22nd IEEE International Conference on Software Analysis, Evolution, and Reengineering, SANER 2015: 390-398, Montreal, QC, Canada, 2015.3.2-6.

2014 & Before

4) Jiao Zhu, **Hongwei Li**, Xin Peng, Wenyun Zhao, *On Relationship of Functions and Permissions in Android Applications*, Computer Applications and Software(ISSN 1000-386X),2014, 31(10): 27-33.

3) Xiyuan Zhang, **Hongwei Li**, Shihai Jiang, Xin Peng, Wenyun Zhao, *A Lexical Category Labeling Method for Feature Location*. [EB/OL], China's scientific and technical papers online, 2014.

2) **Hongwei Li**, Xin Peng, Wenyun Zhao, *A Method of Code Semantic Labeling with Domain Ontology*. [EB/OL], China's scientific and technical papers online, 2014.

1) **Hongwei Li**, Zhenchang Xing, Xin Peng, Wenyun Zhao. *What help do developers seek, when and how?*, 20th IEEE Working Conference on Reverse Engineering, WCRE 2013: 142-151, Koblenz, Germany, 2013.10.14-17.

Papers

Computer Education

2) Anquan Jie, Yunqing Li, Qinghong Yang, Dengwen Gan, **Hongwei Li**, *Programming Design Curricula Teaching Reformation and Innovation*, Computer Science (ISSN 1002-137X), 2009,36 (07) : 110-113.

1) **Hongwei Li**, Anquan Jie, *The Awareness of Computer Curricula Cultural*, Jiangxi Educational Research (ISSN 1005-6459), 2007(06):112-114.

Text Books

Computer Education

3) Xusheng Xie, Minghua Zhu, Lianxin Zhang, **Hongwei Li**, *The Operating System Tutorial* (ISBN: 9787111368960), China Machine Press, Beijing, 2012.

2) Xusheng Xie, Minghua Zhu, Lianxin Zhang, **Hongwei Li**, *Computer Operating System* (Second Edition)(ISBN7-5609-3313-9/TP.547), Huazhong University of Science and Technology Press, Wuhan, 2008.

1) Xusheng Xie, Minghua Zhu, Lianxin Zhang, **Hongwei Li**, *Computer Operating System* (ISBN7-5609-3313-0/TP.547), Huazhong University of Science and Technology Press, Wuhan, 2005.

Work Experience

Now-7/1999 **Teacher (17 years)**

[Jiangxi Normal University](#)

As a teacher, I do love and dedication in teaching, and do rigorous scholarship, and improve teaching ability and level with my all efforts; moreover, I respect for colleagues. I am also following and understanding new trends in the development of the discipline, and consciously continuing self-education to update my knowledge structure, and continuously improving my level of expertise and teaching and research capabilities.

9/2004-3/2004**Software Technology(6 months)**[Jiangxi ChangTong Technology Company](#)

Working on the bidding documents of the Jiangxi branch of SINOPEC fuel IC card system integration project. As one of the company project directors, My duty was responsible for technology development. This project bid was near 18 million yuan, and the company got the business qualification of the contractor.

C/C++ Language; Linux OS; Oracle DB.

2/2004-2/2002**Software Developer (2 years)**

[Jiangxi Normal University Information Industry Company](#)

Working as system development, project manager, I had completed a number of software projects. like, data mining business of China Mobile Nanchang Branch, which had near two million subscribers at that time. I had worked on some data mining software projects, until November 2003.

Powerbuilder/C/C++ Language; Windows OS; Sybase/Oracle DB.

Research Experience

[Research Projects](#)

- 4) 12/2018 - 01/2017

Project Director.

"The research on consistency and visualization of comments and code implemation", ¥ 30, 000. This work had supported by Jiangxi provincial department of education science and technology research project under Grant No. GJJ160278.

- 3) 12/2019 - 01/2017

Project member. My duty was algorithm design and analysis.

"Multi-strategy swarm intelligence algorithm based on diverse information fusion and its application to the software module clustering", ¥ 200, 000. This work had supported by National Natural Science Foundation of China (NSFC) under Grant No.61603163.

- 2) 12/2019 - 10/2015

Project member. My duty was Model design and algorithm design.

"Large-scale Graph Partitioning with Node Attribute and its Application to Social Network", ¥ 447,000. This work had supported by National Natural Science Foundation of China (NSFC) under Grant No.61562042.

- 1) 12/2013 - 01/2011

Involved in the project during the PhD candidate, I was actually very pleased to participate in the research of the project, and contributed two papers for this project.

"Research on Software Requirements Reverse Recovery Technology Basing on Domain Ontology", ¥ 80, 000. This project supported by the Specialized Research Fund for the Doctoral Program of Higher Education of China from Ministry of Education (Grant No.20100071110031).

References



- 3) Software " Jiangxi Province Personnel Professional Title Examination System"
Languages: Visual Basic/SQL
(December 2003)
- 2) Software "integrated communications business management system" (China Mobile Nanchang Mobile Marketing Center)
(Building a pair database of Mobile BOSS support system for supporting the company's major clients mining and management, and providing information for the company's decision-making system)
Languages: Powerbuilder/SQL
(September 2003)
- 1) Software "touching query software for Land and Resources Bureau of Nanchang on touching set"
Languages: C++
(November 2002)

Other Information

- In 14th-15th November 2015, attended the second Jiangxi Province computer science PhD forum in Nanchang, Jiangxi, China.
- In 8th-14th October 2015, attended the CCF ADL59 seminar and working as the NLPCC2015 conference staff in Nanchang, Jiangxi, China.
- In January 2015, attended the first Jiangxi Province computer science PhD forum in Nanchang, Jiangxi, China.
- In October 2010, attended the annual meeting of the CCF NASAC 2010, Soochow University, Suzhou
- In September 2009, attended the CCF NDBC2009 annual meeting, Jiangxi University of Finance and Economics, Nanchang
- In June 2008, attended Symposium of Search Engine and Web Mining(SEWM2008) and working as a conference staff, Jiangxi Normal University, Nanchang
- In January 2008, joined China Computer Federation (CCF)
- August 2003, participated in English teaching program "English Teaching Methodology Training Program" for bilingual teaching, and acquired this training certificate(TAFE) in the University of Western Sydney, Sydney, Australia
- August 2001, participated in teacher training course of information science and technology textbook, which is introduced abroad, jointly organized by Higher Education Division and Science and Technology Division of the Ministry of Education of China, Zhejiang University, Hangzhou
- October 2001, People's Republic of China Computer Software Proficiency Certificate - Advanced Computer Software Programmer
- October 2001, People's Republic of China professional and technical qualifications - Engineer (senior programmer)

June 25, 2017

Harvey (Hongwei Li)