

# Zhongpeng Lin

## Education

- 2010 – present **PhD, Computer Science**, *Jack Baskin School of Engineering, University of California, Santa Cruz, CA, USA.*  
Advisor: Jim Whitehead
- 2007 – 2010 **MS, Computer Software and Theory**, *Institute of Software, Chinese Academy of Sciences(ISCAS), Beijing, China.*
- 2003 – 2007 **BS, Software Engineering**, *Software School, Xiamen University, Xiamen, China.*

## Publications

Jing Du, Ye Yang, Zhongpeng Lin, Qing Wang, Mingshu Li, and Feng Yuan. A case study on usage of a software process management tool in china. In *Proceedings of the 17th Asia-Pacific Software Engineering Conference, APSEC 2010*, 2010.

Zhongpeng Lin, Fengdi Shu, Ye Yang, Chenyong Hu, and Qing Wang. An empirical study on bug assignment automation using Chinese bug data. In *Proceedings of the Second ACM-IEEE International Symposium on Empirical Software Engineering and Measurement, ESEM 2009*, 2009.

## Honors and Awards

- 2007 – 2010 **Graduate Student Fellowship**, *Institute of Software, Chinese Academy of Sciences.*
- 2009 **Excellent Student**, *Graduate University, Chinese Academy of Sciences.*  
Available to top 15% graduate students
- 2009 **Graduate Student Scholarship**, *Chinese Academy of Sciences.*  
Available to top 23% graduate students
- 2007 **Excellent Graduate**, *Xiamen University.*  
Available to top 3% students
- 2006 – 2007 **China Construction Bank Scholarship**, *Xiamen University.*  
2000 CNY per year, available to top 5% undergraduate students
- 2006 – 2007 **Xiamen University Scholarship, Second-Rank**, *Xiamen University.*  
1000 CNY per year, available to top 15% undergraduate students
- 2004 – 2005 **Xiamen University Scholarship, First-Rank**, *Xiamen University.*  
2000 CNY per year, available to top 5% undergraduate students

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## Experience

### Research

- 2009 – 2010 **Graduate student**, *Research on Cost Estimation Method for Reused-based Software Development*, National Natural Science Foundation of China under Grant Nos. 60873072, under the supervision of Ye Yang.
- 2007 – 2010 **Graduate student**, *The Product Line Supporting Trustworthy Software Process Management*, The National Hi-Tech R&D Plan of China under Grant Nos. 2007AA010303, under the supervision of Ye Yang.

### Vocational

- 2009 – 2010 **Part-time Software Engineer**, *Playcrab*, Beijing, China.  
Used Hemlock to develop infrastructure for real-time communication in a flash social game
- 2008 – 2009 **Part-time Software Engineer, Database Administrator, System Administrator**, *Hoolai*, Beijing, China.  
Participant in the development of several web games on social network websites using Ruby On Rails and Adobe Flex
- May – Nov 2008 **OA Assistant**, *Lab of Internet Technologies, ISCAS*, Beijing, China.  
Responsible for the administration and maintenance of its Office Automation System, originally developed using ASP. Rewrote some module and added some function using ASP.NET/C#.
- Feb – Aug 2007 **Intern Software Engineer**, *Shepherd*, Xiamen, China.  
We used ROR and adopted Extreme Programming to develop several projects, including a Agile method management system and an on-line music composition website.

### Selected Class and Lab Projects

- 2009 – 2010 **Chief Developer**, *iTechs Lab, ISCAS*, Propheta project, using SWT/JFace.  
Propheta aims at developing a new software cost estimation based on the practice and feedback of InCoMo (see below). It will support more cost estimatin models.
- 2007 – 2008 **Chief Developer**, *iTechs Lab, ISCAS*, InCoMo project, using Eclipse RCP.  
InCoMo is a software cost estimation tools that has been used in several organizations. It is based on COCOMO II, but allows users to tail the Cost Drivers and calibrate the constants
- 2007 **Team Leader of Four**, *Advanced Data Mining*, Developed a plugin for RapidMiner data mining platform, implementing Rainforest decision tree algorithm, using Java.
- 2006 **Team Leader of Six**, *Data Mining*.  
Developed an association rules mining tool, using C#  
Developed three clustering plug-ins for AlphaMiner, implementing k-Mean, k-Medoids and FCM algorithm respectively, using Java
- 2006 **Team Leader of Thirteen**, *Software Engineering*, Polaris project, using J2EE.  
Polaris is a domain-specific Chinese metasearch engine, integrating search results from Baidu, Google, Yahoo

### Miscellaneous

- Jul 2008 – 2010 **Leader of the Swimming Association**, *ISCAS*.
- 2006 – 2007 **Leader of the class**, *Software School, Xiamen University*.

## Technical skills

Languages	Ruby (ROR), Java (Swing, RCP/JFace/SWT, J2EE), C# (ASP.NET), Python, ActionScript 3 (Flex), XHTML/CSS/JavaScript, C/C++ (MFC)	Server Administration	Ubuntu, CentOS, Solaris, Windows Server
Databases Administration	MySQL, PostgreSQL, Oracle, SQL Server	SCM	Subversion, Git

## Languages

Mandrin Chinese	<b>Native</b>
Taiwanese	<b>Native</b>
English	<b>Proficient</b>