Zhongpeng Lin

☎ +1 (831) 334 8728
✉ lin.zhp@gmail.com
⌂ http://users.soe.ucsc.edu/~linzhp

Objective

I am looking for a summer internship in the industry and work on a software project that has been developing for several years, in order to study its evolution, refactoring, and bug occurring and resolving patterns.

Education

2010 – present   **PhD, Computer Science**, *Jack Baskin School of Engineering, University of California*, Santa Cruz, CA, *GPA: 3.88/4*.
Research areas: software repository mining, procedural content generation

2007 – 2010   **MS, Computer Software and Theory**, *Institute of Software, Chinese Academy of Sciences (ISCAS)*, Beijing, China, *GPA: 3.5/4*.
Research areas: software cost estimation, software bug prediction

2003 – 2007   **BS, Software Engineering**, *Software School, Xiamen University*, Xiamen, China.

Technical skills

Programming Languages   Ruby (ROR), Java, Python, GNU Octave/Matlab, R, ActionScript 3 (Flex), C# (ASP.NET), C/C++

Databases   MySQL, PostgreSQL, Oracle, Microsoft SQL Server

OS   Linux (Ubuntu, CentOS), Windows

SCM   Subversion, Git

Experience

Working

2009 – 2010   **Part-time Software Engineer**, *Playcrab Ltd*, Beijing, China.
Used Hemlock to develop infrastructure for real-time communication in a social network game

2008 – 2009   **Part-time Software Engineer, Database Administrator, System Administrator**, *Hoolai Social Game Ltd*, Beijing, China.
Participant in the development of several social network games using Ruby On Rails and Adobe Flex

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 and C#.

2007   **Intern**, *Xiamen Shepherd Co., Ltd*, Xiamen, China.
Used ROR and adopted Extreme Programming practices to develop several projects, including a Agile method management system and an on-line music composition website.

Teaching

Fall 2011   **Teaching Assistant**, *Machine Learning and Data Mining*, UC Santa Cruz, CA.

Fall 2011 **Teaching Assistant**, *Introduction to Database Management Systems*, UC Santa Cruz, CA.

Spring 2011 **Teaching Assistant**, *Introduction to Computer Science*, UC Santa Cruz, CA.

━━━ Selected Graduate Courses

Information Retrieval, Machine Learning, Artificial Intelligence, Analysis of Algorithms, Mathematical Statistics, Advanced Data Mining, Advanced Software Engineering

━━━ Publications

Caitlin Sadowski, Chris Lewis, Zhongpeng Lin, Xiaoyan Zhu, and E. James Whitehead. An Empirical Analysis of the FixCache Algorithm. In *Proceeding of the 8th working conference on Mining software repositories - MSR '11*, page 219, New York, New York, USA, May 2011. ACM Press.

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 2010 Asia Pacific Software Engineering Conference*, APSEC '10, pages 443–452, Washington, DC, USA, 2010. IEEE Computer Society.

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 2009 3rd International Symposium on Empirical Software Engineering and Measurement*, ESEM '09, pages 451–455, Washington, DC, USA, 2009. IEEE Computer Society.

━━━ Honors and Awards

2011 **Summer Fellowship**, *UC Santa Cruz*.
6,500 USD

2010 **Regents Fellowship**, *UC Santa Cruz*.
5,000 USD

2009 **Excellent Student**, *Graduate University of Chinese Academy of Sciences*.
Available to top 15% graduate students

2007 **Excellent Graduate**, *Xiamen University*.
Available to top 3% students

2006, 2007 **China Construction Bank Scholarship**, *Xiamen University*.
2,000 CNY per year, available to top 5% undergraduate students

2004, 2005 **Xiamen University Scholarship, First-Rank**, *Xiamen University*.
2,000 CNY per year, available to top 5% undergraduate students