Zhongpeng Lin | 林中鹏

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Basic Information

Gender: Male   **Date of Birth**: February 7th, 1985

Place of Birth: Longhai, Fujian, China

Education

University of California   **Santa Cruz, CA, USA**

PhD, Computer Science, GPA: 3.89/4.00   *September, 2010 – now*

- Thesis topic: Understanding and Simulating Software Evolution
- Research focus: Software evolution, software repository mining
- Courses: *Information Retrieval*, *Machine Learning*, *Artificial Intelligence*, *Analysis of Algorithms*, *Mathematical Statistics*

Institute of Software, Chinese Academy of Sciences (ISCAS)   **Beijing, China**

MS, Computer Software and Theory, GPA: 87.9/100   *September, 2007 – July, 2010*

- Research focus: software cost estimation, software bug prediction
- Courses: *Advanced Data Mining*, *Advanced Software Engineering*
- Honors and awards: *Outstanding Student* of 2009, available to top 15% graduate students

Xiamen University   **Xiamen, China**

BS, Software Engineering, GPA: 90.0/100   *September, 2003 – June, 2007*

- Honors and Awards
  - *Distinguished Graduate* of 2007, available to top 3% graduates by GPA each year
  - *China Construction Bank Scholarship* of 2006 and 2007, available to top 5% by GPA undergraduate students each year
  - *Xiamen University First-Rank Scholarship* of 2004 and 2005, available to top 5% by GPA undergraduate students each year

Experience

Research

University of California   **Santa Cruz, CA, USA**

Graduate Student Researcher   *September, 2010 – now*

Funding Projects:

- Worked on CHEKOFV project that tries to build a game for cloud source based formal verification. Worked as the game server (JavaScript) developer and one of key developers of the game client (ActionScript).
- Worked on a project *Understanding the Design Space of Mixed Initiative Robot Design Tools*, developed the prototype in JavaScript.

Working

Microsoft Corporation   **Redmond, WA, USA**

SDET Intern   *June – September, 2014*

Built a prediction model for Windows builds time and performed statistical analyses for build failures.

Google Inc.   **Mountain View, CA, USA**

Software Engineering Intern   *September – December, 2013*

Developed a JavaScript fuzzer that generates random JavaScript to test Closure Compiler.

University of California   **Santa Cruz, CA, USA**
Teaching Assistant   *April – June, September – December, 2011*
Courses: *Machine Learning and Data Mining*, *Introduction to Database Management Systems*, and *Introduction to Computer Science*

Travel History

USA: 2010, 2013

Travel With

Yuting Gao (Spouse), Clive Lin (Child)

Publications

Zhongpeng Lin and Jim Whitehead. Using fine-grained code change metrics to simulate software evolution. In *Proceedings of the 5th International Workshop on Emerging Trends in Software Metrics*, pages 15–18, Hyderabad, India, June 2014. ACM Press.

Heather Logas, Jim Whitehead, Michael Mateas, Richard Vallejos, Lauren Scott, Dan Shapiro, John Murray, Kate Compton, Joseph Osborn, Orlando Salvatore, Zhongpeng Lin, Huascar Sanchez, Michael Shavlovsky, Daniel Cetina, Shayne Clementi and Chris Lewis. Software verification games: Designing xylem, the code of plants. In *Proceedings of the 9th International Conference on the Foundations of Digital Games*, 2014.

Zhongpeng Lin, Chris Lewis, Sri Kurniawan, and Jim Whitehead. Why players start and stop playing a chinese social network game. *Journal of Gaming & Virtual Worlds*, 5(3):307–328(22), 2013.

Zhongpeng Lin. Understanding and simulating software evolution. In *Proceedings of the 35th International Conference on Software Engineering*, pages 1411–1414, San Francisco, CA, USA, 2013. IEEE/ACM.

Chris Lewis, Zhongpeng Lin, Caitlin Sadowski, Xiaoyan Zhu, Rong Ou, and E. James Whitehead Jr. Does bug prediction support human developers? findings from a google case study. In *Proceedings of the 35th International Conference on Software Engineering*, pages 372–381, San Francisco, CA, USA, 2013. IEEE/ACM.

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*, pages 219–222, Honolulu, HI, 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*, pages 443–452, Sydney, Australia, November 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 3rd International Symposium on Empirical Software Engineering and Measurement*, pages 451–455, Lake Buena Vista, FL, USA, October 2009. IEEE.