Xin Tan

(+86)18800196550   tanxin16@pku.edu.cn

Education

Peking University   PhD in Computer Science and Technology   Beijing, China 2016.09-2021.07

Northwestern Polytechnical University   B.S. in Software Engineering   Xi'an, China   2012.09-2016.07

Publications

➢ **Tan X**, Lin ZY, Zhang YX, Zhou MH. Analysis of contribution composition patterns of code files. Ruan Jian XueBao/Journal of Software, 2018,29(8):2283−2293. http://www.jos.org.cn/1000-9825/5522.htm

➢ **Tan X**, Qin H, Zhou M, et al. Understanding the Variation of Software Development Tasks: a Qualitative Study[C]// The, Asia-Pacific Symposium. 2017:1-6.

➢ Zhang Y, **Tan X**, Zhou M, et al. Companies' domination in FLOSS development: an empirical study of OpenStack[C]// The, International Conference. 2018:440-441.

➢ Wei Z, Wu X, **Xin T**, et al. Software Fault Localization Using Semi-Supervised Learning[J]. Journal of Northwestern Polytechnical University, 2015, 33(2):332-336.

➢ **Tan X**, Peng Y P, Yang S, et al. Automated Test Case Generation Based on SPEA2+SDE[J]. Computer Science, 2015.

Experiences

Provide solutions to Help the Linux kernel Sustainable   2018.11-2019.03

➢ Design metrics to identify and measure the factors that influence the scalability of the community, e.g., review latency, the intensity and entropy of maintainers' workload.

➢ Provide solutions to solve this problem and evaluate its effect.

Huawei Software Principles Automated Measurement   2017.05-2017.11

➢ Responsible for the specific design of measurement.

➢ Finally designed 8 principles, 34 sub-principles, 86 measures

Development of intelligent elderly care system based on Kinect   2015.05-2015.08

➢ Responsible for software architecture, coding and documentation.

➢ Won the third prize in the service outsourcing competition.

Awards

➢ 2017.09 Special scholarship of PKU

➢ 2016.07 Outstanding Graduates of NWPU

➢ 2013-2016 the first prize scholarship of NWPU

➢ 2013.10 Mathematical Contest In Modeling of NWPU, first prize

Skills

Programming Language: Python, C++, Java

Foreign Language: English (CET-6)