Personal Information

Name：	Zongfei zhang	**Sex：**	Male	**Birth date：**	1993/01
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Education Background	Master	**school：**	Nanjing university（2015~2018）/computer science		
	Bachelor	**school：**	Changan university（2011~2015）/computer science		
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Special Skills：

- Master the Java language and common class library, more than four years Java programming experience, Understand jvm and common design patterns
- Familiar with c / c ++ programming, with good data structure and algorithm basis
- Familiar with Java Web development, familiar with maven, tomcat and other open source software, understand the weld, spring, mybatis and other open source framework
- Actively participate in stackoverflow discussion,【my home page link】
- Proficiency in reading English academic papers, with good listening, speaking, reading and writing skill

Project experience and scientific research ***：***

Code-dependent capture tool	
Features：Capture call dependencies and data dependencies between methods while the target java program is running **Implementation**：Based on the API provided by jvmti, register MethodEntry, FieldAccess and other events and in the corresponding callback function write relevant information into sqlite, and finally to further processing information to get code-dependent information **Use**：The tool exists in the form of .dll, We can make it into jvm when start jvm through the -agentpath parameter	
Academic research	**Construction of traceability data set for open source project**
Input：An open source project on github, such as weld **Output**：Traceability data set (implementation relationship between code and requirements) **Construction process**：On the one hand through the *jsoup* open source tool to crawl the open source project *pr* information and *issue* information, from which to extract the demand. Using *VSM* model to calculate the similarity between demand and code, similarity is higher than a certain threshold that the two have a link relationship. On the other hand, find the *tool piles* in the maven environment, run the test set through maven and insert the code to rely on the capture tool to optimize the traceability data set with the captured code dependency information。	

Awards and results:

2016 年 7 月	Citrix Code Master Winning prize
2014 年 6 月	School Software Competition Group B Second Prize
2013 年 3 月	3rd school scholarship
2012 年 3 月	3rd school scholarship