Yanze Li

ASER, Parasol Lab
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RESEARCH INTERESTS

My area of interest is **Static Analysis** and **Programming Language**. In particular, I'm interested in developing efficient static analysis that can scale to extremely large codebase and various code changes with an emphasis on concurrency-related bugs. Other than that, I'm also broadly interested in other PL techniques which benefit modern programming languages such as Type System, etc. My goal is to improve programming productivity and software reliability from a PL perspective.

EDUCATION

M.S. Computer Science, Texas A&M University, 2017-Present
Advisor: Jeff Huang
GPA: 4.0/4.0

B.Eng. Electrical Engineering, Huazhong University of Science and Technology, 2017
GPA: 3.67/4.0   Major GPA: 3.81/4.0

PUBLICATIONS

ICSE 19' (Demo Track) **Yanze Li**, Bozhen Liu, Jeff Huang, "SWORD: A Scalable Whole Program Race Detector for Java"

PROJECTS

Crappie (Ongoing project) An efficient incremental race detection engine that can scale to distributed systems and Android apps

SWORD A whole program race detector on Java source code and has been integrated into Eclipse.

HONOR AND AWARDS

2019   ACM SIGSOFT CAPS Award

2017   Excellent Graduated Student at HUST

2015   Scientific Research Innovation Scholarship

2014   3rd Place, China University Cloud Computing Innovation Competition

SERVICE

Sub-Reviewer

2019   PLDI, ICSE, FSE, OOPSLA

Journal   TSE

SKILLS

Research

Static Analysis, Concurrency

Languages

Java, Scala, Idris, OCaml, JavaScript, Python, Ruby, C/C++

Misc

WALA, Soot, Doop