

# Shiyou(Alan) Huang

## Curriculum Vitae

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### Education

- 9/2015–present **Ph.D. Candidate in Computer Science**, Texas A&M University, USA.  
*Advisor: Jeff Huang*
- 9/2011–6/2015 **B.E. in Computer Science**, Huazhong University of Science and Technology (HUST), Wuhan, China.  
GPA: 4.0/4.0

### Honor & Awards

- June 2017 **Student Scholar for 50<sup>th</sup> Turing Award Celebration**.
- Spring 2017 **Graduate Research Excellence Award**, Department of CSE, Texas A&M.
- OOPSLA 2016 **SIGPLAN PAC Award**, OOPSLA, 2016.
- ICSE 2016 **ACM's SRC Travel Award**, ICSE, 2016.
- ICSE 2016 **SIGSOFT CAPS Award**, ICSE, 2016.
- ICSE 2016 **Third Place, Student Research Competition**, ICSE'16 .
- 2012,2014 **Excellent Academic Performance Scholarship**, HUST.

### Publication

- USENIX ATC 2017 **Shiyou Huang**, *Towards Production-Run Heisenbugs Reproduction on Commercial Hardware*, Proceedings of USENIX Annual Technical Conference (USENIX ATC), July 2017.
- ECOOP 2017 **Shiyou Huang**, *Speeding Up Maximal Causality Reduction with Static Dependency Analysis*, 31st European Conference on Object-Oriented Programming, 2017.
- OOPSLA 2016 **Shiyou Huang**, *Maximal Causality Reduction for TSO and PSO*, Proceedings of ACM SIGPLAN conference on Object-Oriented Programming, Systems, Languages, and Applications, 2016.
- ICSE SRC 2016 **Shiyou Huang**, *Maximally stateless model checking for concurrent bugs under relaxed memory models*, Proceedings of the 38th International Conference on Software Engineering Companion, 2016.

### Service

- Sub-reviewer **PLDI'17, PPOPP'17, FSE'16** .
- AE Committee **PPOPP'17**.

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## Research Experience

- 9/2015 – 9/2016 **Graduate Research Assistant**, ASER GROUP, PARASOL LAB, Texas A&M University.  
Advisor: Jeff Huang
- 5/2014 – 8/2014 **Research Intern**, SCTSL LAB, Huazhong University of Science and Technology, Wuhan, China.  
Advisor: Zhi Zhou and Fangming Liu.

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## Teaching Experience

- Spring 2017 **CSCE431: Software Engineering**, Texas A&M University.  
Teaching Assistant
- Fall 2016 **CSCE606: Software Engineering**, Texas A&M University.  
Teaching Assistant

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## Skills

- Languages **Java, C/C++, Python, Ruby.**
- Tools **ASM, Z3, KLEE.**