

Daejun Park

Ph.D. Student

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Research Interests

- ▶ Program verification: invariant synthesis, translation validation.
- ▶ Security: web, cryptocurrency.

Education

Ph.D., Computer Science, University of Illinois at Urbana-Champaign	2013 – present
M.S., Computer Science and Engineering, Seoul National University, Korea	2006 – 2008
B.S., Computer Science and Engineering, Seoul National University, Korea	2001 – 2006

Publications

- [1] **Semantics-Based Program Verifiers for All Languages.**
Andrei Stefanescu, Daejun Park, Shijiao Yuwen, Yilong Li, and Grigore Rosu. *Proceedings of the 2016 ACM SIGPLAN International Conference on Object-Oriented Programming, Systems, Languages, and Applications (OOPSLA'16)*, 2016. **Distinguished Paper Award**
- [2] **KJS: A Complete Formal Semantics of JavaScript.**
Daejun Park, Andrei Stefanescu, and Grigore Rosu. *Proceedings of the 36th ACM SIGPLAN Conference on Programming Language Design and Implementation (PLDI'15)*, 2015.
- [3] **Global Sparse Analysis Framework.**
Hakjoo Oh, Kihong Heo, Wonchan Lee, Woosuk Lee, Daejun Park, Jeehoon Kang, and Kwangkeun Yi. *ACM Transactions on Programming Languages and Systems (TOPLAS)*, Vol.36, No.3, Sep 2014.

Work Experience

Founding Member & Technical Lead, Sparrow (*acquired by Fasoo in 2010*), Korea 2008 – 2012

- ▶ Designed and implemented a *static program analysis tool* detecting memory safety errors and security vulnerabilities in embedded-system software.

Honors & Awards

Distinguished Paper Award at OOPSLA'16	2016
Korean Government Scholarship	2013-2015
Honors Scholarship, Seoul National University	2003-2004
Bronze Medal in National Mathematics Competition	2000

References

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