Panagiotis Vekris

Contact Information

E-mail: pvekris@cs.ucsd.edu
Web: http://cseweb.ucsd.edu/~pvekris
Phone: +1 (312) 662-2665

Interests

Programming Languages, Program Analysis, Verification, Type Systems

Current Position

University of California, San Diego, CA, USA

Ph.D. Candidate, Computer Science, October 2015 – present
Graduate Student Researcher, September 2011 – present
Adviser: Ranjit Jhala

Education

University of California, San Diego, CA, USA

M.S., Computer Science, June 2014
GPA: 3.94 /4.0

National Technical University of Athens, Greece

BSc., Computer Science, July 2011
Thesis adviser: Nikolaos S. Papaspyrou
GPA: 9.62 /10.0

Previous Employment

Microsoft Research, Cambridge, United Kingdom

Research Intern, September 2013 – December 2013
Mentor: Gavin Bierman

Research Papers

Panagiotis Vekris, Benjamin Cosman, and Ranjit Jhala. Refinement Types for TypeScript. In *Conference on Programming Language Design and Implementation (PLDI)*, June 2016 (to appear).

Panagiotis Vekris, Benjamin Cosman, and Ranjit Jhala. Trust, but Verify: Two-Phase Typing for Dynamic Languages. In *European Conference on Object-Oriented Programming (ECOOP)*, Prague, Czech Republic, July 2015.

Aseem Rastogi, Nikhil Swamy, Cédric Fournet, Gavin Bierman, and Panagiotis Vekris. Safe & Efficient Gradual Typing for TypeScript. In *Proceedings of the Symposium on Principles of Programming Languages (POPL)*, Mumbai, India, January 2015.

Panagiotis Vekris, Ranjit Jhala, Sorin Lerner, and Yuvraj Agarwal. Towards Verifying Android Apps for the Absence of No-sleep Energy Bugs. In *Proceedings of the USENIX Conference on Power-Aware Computing and Systems (HotPower)*, Hollywood, CA, October 2012.

Prodromos Gerakios, Nikolaos Papaspyrou, Konstantinos Sagonas, and Panagiotis Vekris. Dynamic Deadlock Avoidance in Systems Code Using Statically Inferred Effects. In *Proceedings of the Workshop on Programming Languages and Operating Systems (PLOS)*, Cascais, Portugal, October 2011.

Programming Skills

JavaScript/TypeScript, Haskell, OCaml, Java, Python, C, BASH

Languages

Greek: Native speaker

English:

- Certificate of Proficiency in English (University of Chambridge)
- TOEFL iBT, GRE General (exams taken on November 2010)

German: ZMP (Goethe-Institut)