George Kastrinis • Curriculum Vitæ

Ph.D. Candidate, University of Athens

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EDUCATIONAL BACKGROUND

July 2012 – Present	Ph.D. in Program Analysis, Department of Informatics and Telecommunications, **University of Athens**, Advisor Prof. Yannis Smaragdakis (smaragd@di.uoa.gr)
Sep. 2009 – July 2012	M.Sc. in Advanced Information Systems, Department of Informatics and Telecommunications, **University of Athens**, G.P.A. **8.42**/10 (estimated 3% of graduating class)
Sep. 2005 – Sep. 2009	B.Sc. in Informatics and Telecommunications, Department of Informatics and Telecommunications, **University of Athens**, G.P.A. **8.33**/10 (estimated 5% of graduating class)

PROFESSIONAL EXPERIENCE

Summer 2014	**Intern** as software developer at Microsoft Research for three months
Summer 2013	**Intern** as software developer at LogicBlox for four months
Jan. 2011 – Present	**Research Assistant** in Program Analysis, with Prof. Yannis Smaragdakis
June 2009 – Jan. 2011	**Software Developer** for the Network Operations Center at the University of Athens
Winter 2011	**Lecturer** and **Co-organizer** of a two-part presentation for Web Development by the FOSS Community of the University of Athens
Winter 2009	**Lecturer** and **Co-organizer** of the first Web Development Workshop by the FOSS Community of the University of Athens

PUBLICATIONS

Yannis Smaragdakis, George Kastrinis, *"Defensive Points-To Analysis: Effective Soundness via Laziness"*, European Conference on Object-Oriented Programming, (ECOOP), 2018

Neville Grech, George Kastrinis, Yannis Smaragdakis, *"Efficient Reflection String Analysis via Graph Coloring"*, European Conference on Object-Oriented Programming, (ECOOP), 2018

George Fourtounis, George Kastrinis, Yannis Smaragdakis, *"Static Analysis of Java Dynamic Proxies"*, International Symposium on Software Testing and Analysis, (ISSTA), 2018

George Balatsouras, Kostas Ferles, George Kastrinis, Yannis Smaragdakis, *"A Datalog Model of Must-Alias Analysis"*, International Workshop on the State Of the Art in Java Program Analysis, (SOAP), 2017

Yannis Smaragdakis, George Balatsouras, George Kastrinis, Martin Bravenboer, *"More Sound Static Handling of Java Reflection"*, Asian Symposium on Programming Languages and Systems, (APLAS), 2015

Yannis Smaragdakis, George Kastrinis, George Balatsouras, *"Introspective Analysis: Context-Sensitivity, Across the Board"*, Programming Language Design and Implementation (PLDI), 2014

Yannis Smaragdakis, George Balatsouras, George Kastrinis, *"Set-Based Pre-Processing for Points-To Analysis"*, Object-Oriented Programming, Systems, Languages & Applications (OOPSLA), 2013

George Kastrinis, Yannis Smaragdakis, *"Hybrid Context-Sensitivity for Points-To Analysis"*, Programming Language Design and Implementation (PLDI), 2013

George Kastrinis, Yannis Smaragdakis, *"Efficient and Effective Handling of Exceptions in Java Points-To Analysis"*, Compiler Construction (CC), 2013

Nikolaos Pothitos, George Kastrinis, Panagiotis Stamatopoulos, *"Constraint Propagation as the Core of Local Search"*, Hellenic Conference on Artificial Intelligence (SETN), 2012

TEACHING ASSISTANTSHIP

Winter 2014, 2015, 2017	**Assistant** for the course "OO Languages and advanced programming techniques", taught by Prof. Yannis Smaragdakis
Spring 2015	**Assistant** for the course "Systems Programming", taught by Prof. Yannis Smaragdakis
2008 – Present	**Administrator** of the online discussion forum for the courses "Introduction to Programming" and "Object Oriented Programming"
2006 – Present	**Assistant** for the course "Introduction to Programming", taught by Prof. Panagiotis Stamatopoulos
2006 – Present	**Assistant** for the course "Object Oriented Programming", taught by Prof. Izambo Karali

MISC

Attendee	Google PhD Student Summit on Compiler 2016
Student Volunteer	PLDI 2015
External Reviewer	ECOOP 2012, PLDI 2013
Student Stipend	ETAPS 2013

TECHNICAL SKILLS

Programming	C, C++, C#, Java, Groovy, Prolog, Datalog, Haskell
Web Technologies	HTML, CSS, PHP, JSP, JavaScript, AJAX
Query Languages	SQL, SPARQL, OWL 2, LDAP, LogiQL, LINQ
Scripting	Bourne/Bash shell
Frameworks	Clang's AST API, CakePHP
Misc.	OpenGL, LaTeX, Adobe Photoshop

LANGUAGES

Greek	**Native**
English	**Fluent** – Certificate of Proficiency in English (University of Michigan & University of Cambridge)
French	**D.E.L.F.** level 1 and 2 – unit A1-A6