

# 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, <b>University of Athens</b> , Advisor Prof. Yannis Smaragdakis ( <a href="mailto:smaragd@di.uoa.gr">smaragd@di.uoa.gr</a> )
Sep. 2009 – July 2012	M.Sc. in Advanced Information Systems, Department of Informatics and Telecommunications, <b>University of Athens</b> , G.P.A. <b>8.42/10</b> (estimated 3% of graduating class)
Sep. 2005 – Sep. 2009	B.Sc. in Informatics and Telecommunications, Department of Informatics and Telecommunications, <b>University of Athens</b> , G.P.A. <b>8.33/10</b> (estimated 5% of graduating class)

## PROFESSIONAL EXPERIENCE

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

## PUBLICATIONS

George Kastrinis, Balatsouras, Kostas Ferles, Nefeli Prokopaki, Yannis Smaragdakis, "**An Efficient Data Structure for Must-Alias Analysis**", Compiler Construction (CC), 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	<b>Assistant</b> for the course "OO Languages and advanced programming techniques", taught by Prof. Yannis Smaragdakis
Spring 2015	<b>Assistant</b> for the course "Systems Programming", taught by Prof. Yannis Smaragdakis
2008 – Present	<b>Administrator</b> of the online discussion forum for the courses "Introduction to Programming" and "Object Oriented Programming"
2006 – Present	<b>Assistant</b> for the course "Introduction to Programming", taught by Prof. <a href="#">Panagiotis Stamatopoulos</a>
2006 – Present	<b>Assistant</b> for the course "Object Oriented Programming", taught by Prof. <a href="#">Izambo Karali</a>

## MISC

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

## TECHNICAL SKILLS

Programming	C, C++, C#, Java, Groovy, Prolog, Datalog, Haskell
Web Technologies	HTML, CSS, PHP, JSP, JavaScript, ASP.NET (beginners's level)
Query Languages	SQL, SPARQL, OWL 2, LDAP, LogiQL, LINQ
Misc.	ANTLR 4, OpenGL, LaTeX, Adobe Photoshop

## LANGUAGES

Greek	<b>Native</b>
English	<b>Fluent</b> – Certificate of Proficiency in English (Michigan & Cambridge)
French	<b>Basic</b> – D.E.L.F (unit A1-A6)