

# Georgios “George” Balatsouras

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✉ [gbalats@gmail.com](mailto:gbalats@gmail.com)

🌐 [github.com/gbalats](https://github.com/gbalats)

## EDUCATION

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- Ph.D. Candidate**, Static Program Analysis 2012 –  
Ethnikon kai Kapodistriakon Panepistimion Athinon / University of Athens  
Department of Informatics & Telecommunications  
Advisor: Assoc. Prof. Yannis Smaragdakis ([smaragd@di.uoa.gr](mailto:smaragd@di.uoa.gr))
- Master of Science**, Computing Systems 2009 – 2012  
Ethnikon kai Kapodistriakon Panepistimion Athinon / University of Athens  
Department of Informatics & Telecommunications  
Grade: 9.78/10. Top of graduating class (31 graduates).
- Bachelor of Science**, Computer Science 2004 – 2009  
Ethnikon kai Kapodistriakon Panepistimion Athinon / University of Athens  
Department of Informatics & Telecommunications  
Grade: 8.80/10. Top of graduating class (~50 graduates).

## EXPERIENCE

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- LogicBlox, Inc** April 2012 – August 2012  
*Software Engineer Intern, Compiler Technologies* Atlanta, GA, USA
- Supervisor: Shan Shan Huang ([ssh@logicblox.com](mailto:ssh@logicblox.com))
- University of Athens** July 2011 – present  
*Research Assistant, Dept. of Informatics & Telecommunications* Athens, Greece
- Supervisor: Assoc. Prof. Yannis Smaragdakis ([smaragd@di.uoa.gr](mailto:smaragd@di.uoa.gr))
  - Project: PADECL (“Advanced Program Analysis Using Declarative Languages”)
- University of Athens** October 2010 – June 2011  
*Research Developer, Dept. of Informatics & Telecommunications* Athens, Greece
- Supervisor: Prof. Alex Delis ([ad@di.uoa.gr](mailto:ad@di.uoa.gr))
  - Project: [PERNASVIP](#)
  - Description: Development of the Itinerary Planner Server, i.e. the server who generates the [itineraries](#) that will be used for navigation by the end-users of the system

## LANGUAGES AND CERTIFICATES

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- Greek (native), English (fluent)
- Certificate of Proficiency in English, University of Michigan (USA) 2003

## TECHNICAL SKILLS

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<b>Programming Languages</b>	C/C++, Java, Python, Bash, Haskell, Prolog, Datalog
<b>Version Control Systems</b>	Git, Mercurial, Subversion
<b>Editors and IDEs</b>	Emacs, Eclipse, NetBeans, Microsoft Visual Studio 6
<b>Build Automation</b>	GNU Make, Apache Ant, Apache Maven
<b>UNIX Skills</b>	Shell Scripting, Systems Programming, Command-line Utilities
<b>Databases and Tools</b>	SQL, MySQL, JDBC, DBDesigner
<b>Compilers and Debuggers</b>	GCC / G++, GDB, Valgrind
<b>Concurrent Programming</b>	Pthreads, MPI, Java (low-level API, <code>java.util.concurrent.*</code> )
<b>Operating Systems</b>	Linux, BSD, Unix and Unix-like operating systems, Windows
<b>Frameworks</b>	ASM, BCEL, AspectJ, CGAL, ECLiPSe
<b>Web Development</b>	HTML5 + CSS, PHP, JSP
<b>Other</b>	GNU Bison + Flex Lexical Analyzer, L <sup>A</sup> T <sub>E</sub> X, LibreOffice

## PUBLICATIONS

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- George Balatsouras and Yannis Smaragdakis. “Class Hierarchy Complementation: Soundly Completing a Partial Type Graph”. In: *Proc. of the 28th Annual ACM SIGPLAN Conf. on Object Oriented Programming, Systems, Languages, and Applications*. OOPSLA '13. Indianapolis, Indiana, USA: ACM, 2013, pp. 515–532. ISBN: 978-1-4503-2374-1
- Yannis Smaragdakis, George Balatsouras, and George Kastrinis. “Set-Based Pre-Processing for Points-To Analysis”. In: *Proc. of the 28th Annual ACM SIGPLAN Conf. on Object Oriented Programming, Systems, Languages, and Applications*. OOPSLA '13. Indianapolis, Indiana, USA: ACM, 2013, pp. 253–270. ISBN: 978-1-4503-2374-1
- Yannis Smaragdakis, George Kastrinis, and George Balatsouras. “Introspective Analysis: Context-sensitivity, Across the Board”. In: *Proc. of the 2014 ACM SIGPLAN Conf. on Programming Language Design and Implementation*. PLDI '14. Edinburgh, United Kingdom: ACM, 2014, pp. 485–495. ISBN: 978-1-4503-2784-8. DOI: [10.1145/2594291.2594320](https://doi.org/10.1145/2594291.2594320). URL: <http://doi.acm.org/10.1145/2594291.2594320>

## GRANTS AND AWARDS

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- SIGPLAN Professional Activities Committee (PAC) travel grant for ACM OOPSLA 2013.

## ACTIVITIES

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<b>Teaching Assistant</b>	2009 – 2014
University of Athens - Dept. of Informatics & Telecommunications	

## HOBBIES & INTERESTS

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reading, music (piano, guitar), role-playing games, Emacs hacking, soccer