ANASTASIOS "TONY" ANTONIADIS

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EDUCATION

Ph.D. in Computer Science   2016 – (ongoing)
Field: Program Analysis
Ethnikon kai Kapodistriakon Panepistimion Athinon / University of Athens
Department of Informatics & Telecommunications

M.Sc., in Computer Science   2015 – 2016
Field: Computing Systems
Ethnikon kai Kapodistriakon Panepistimion Athinon / University of Athens
Department of Informatics & Telecommunications
Thesis: " Combining source code metadata and static analysis results via a compiler plug-in" (link)
Advisor: Yannis Smaragdakis (smaragd@di.uoa.gr)
Grade: 10/10. Valedictorian of graduating class.

B.Sc. in Computer Science   2006 – 2014
Ethnikon kai Kapodistriakon Panepistimion Athinon / University of Athens
Department of Informatics & Telecommunications
Thesis: "Declarative Points-to Analysis on Different Datalog Engines" (link)
Advisor: Yannis Smaragdakis (smaragd@di.uoa.gr)
Grade: 8.51/10. Salutatorian of graduating class.

EXPERIENCE

University of Athens   October 2014 – October 2016
Software Engineer, PLAST   *Athens, ATH, GR*

· Supervisor: Yannis Smaragdakis (smaragd@di.uoa.gr)

· Research in Static Program Analyses. Contributed to the development of the group's static analyses tools.

CERN   October 2012 – October 2013
Technical Student, PH-CMG-PS   *Geneva, GE, CH*

· Supervisor: Colin Bernet (Colin.Bernet@cern.ch)

· Contributed to the active development of a physics analysis framework, in particular to the production of datasets and management of the group's database.

· Other tasks:
(i) Developed a web page for dataset comparisons using root histograms,
(ii) Created C++ dynamic libraries for physics using GNU autotools,
(iii) Contributed to the migration of the group's software from CVS to Git.

ACTIVITIES

Teaching Assistant   2014 –
University of Athens - Dept. of Informatics & Telecommunications

Spring 2014	**Systems Programming**
	Instructor: Yannis Smaragdakis
Fall 2014	**Operating Systems**
	Instructor: Alex Delis

LANGUAGES AND CERTIFICATES

· Greek (native), English (fluent)
Certificate of Proficiency in English, University of Cambridge (UK) 2004

TECHNICAL SKILLS

Programming Languages	C/C++, Java, Python, Bash, Datalog (LogiQL, Souffle)
Version Control Systems	CVS, Git, Mercurial
Editors and IDEs	Emacs, Eclipse, NetBeans, IntelliJ IDEA, CLion
Build Automation	GNU Make, CMake, Autotools
UNIX Skills	Shell Scripting, Systems Programming, Command-line Utilities
Databases and Tools	SQL, MySQL, Oracle SQL
Compilers and Debuggers	GCC / G++, GDB, Valgrind
Concurrent Programming	Pthreads, Java (`java.util.concurrent.*`)
Operating Systems	Linux, BSD, Unix and Unix-like operating systems, Windows
Frameworks	AspectJ
Networking	Google Protocol Buffers, Apache HTTP components (httpcore & httpclient)
Web Development	HTML5 + CSS, PHP, JSP, Javascript, jQuery, Java Servlets
Other	Microsoft Office, LaTeX, LibreOffice

PUBLICATIONS

· **Antoniadis:2017**