

# ANASTASIOS ANTONIADIS

6 Paioniou Street ◊ Kamatero (Athens 13451), Attica, Greece

(Home) +30 210 2318223 ◊ (Cell) +30 6970236358 ◊ [a.antoniadis1989@gmail.com](mailto:a.antoniadis1989@gmail.com)

## EDUCATION

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**Master of Science**, Computing Systems 2014 –

Ethnikon kai Kapodistriakon Panepistimion Athinon / University of Athens

Department of Informatics & Telecommunications

Current Grade: 10/10.

**Bachelor of Science**, 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](mailto:smaragd@di.uoa.gr))

Grade: 8.51/10. Salutatorian of graduating class.

## EXPERIENCE

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**CERN** October 2012 – September 2013

*Technical Student, PH-CMG-PS* Geneva, GE, CH

- Supervisor: Colin Bernet ([Colin.Bernet@cern.ch](mailto: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

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**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

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

## TECHNICAL SKILLS

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

## EXTRA-CURRICULAR ACTIVITIES

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Reading, Music, Films, Cycling, Photography