Konstantinos "Kostas" Ferles

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PERSONAL INFORMATION

Citizenship: Greek
Current Occupation: Ph.D Student

EDUCATION

2015 - Present, **Ph.D** in Computer Science, The University of Texas at Austin.
- **Advisor**: Isil Dillig

2012 - 2015, **M.Sc.** in Computer Systems Technology, National and Kapodistrian University of Athens, Department of Informatics and Telecommunications
GPA: **9.76/10**

2008 - 2012, **B.Sc.** in Computer Science (with honors), National and Kapodistrian University of Athens, Department of Informatics and Telecommunications
GPA: **9.28/10**

RESEARCH INTERESTS

Programming Languages and Program Analysis

Compilers and Performance

Computer Systems Security

RESEARCH

Microsoft Research Intern

May 2016 - August 2016, 12 weeks internship at Microsoft Research
- Topic: Program Verification

Research Assistant

November 2012 - June 2015, Research Assistant at National and Kapodistrian University of Athens, Department of Informatics and Telecommunications
- Advisor: Yannis Smaragdakis
- Topic: Program analysis.

PROFESSIONAL EXPERIENCE

Software Intern

June - September 2013, 17 week internship at LogicBlox, Atlanta, GA
- **Project:** Design and implementation of a C/C++ program analysis framework. It was based on Clang (LLVM's C/C++ front-end compiler) and LogiQL (LogicBlox's datalog engine).

SCHOLARSHIPS AND AWARDS

OWASP AppSecResearch2012

Second place at "Uni Challenge" as a member of the "University Of Athens" team.

Greek State Scholarships Foundation (IKY)

Academic years 2008-2009 and 2009-2010
- Scholarship and award for top GPA in courses.

Academic year 2010-2011
- Scholarship for top GPA in courses.

Academic year 2011-2012
- Graduating Class Valedictorian (B.Sc. degree)
  - Approximate Class size: 300 students
- Award for top GPA in graduating class.

TEACHING
ASSISTANT

Compilers 2012-2013, 2013-2014 (Spring Semester)
- Instructor: Yannis Smaragdakis
- Duties: Design and Grade assignments, Tutorials and Forum Support

Operating Systems 2013-1014 (Fall Semester)
- Instructor: Alex Delis
- Duties: Grade assignments, Tutorials and Forum Support

Artificial Intelligence 2012-1013 (Fall Semester)
- Instructor: Manolis Koubarakis
- Duties: Design and Grade assignment, Tutorials and Forum Support

COMPUTER
SCIENCE SKILLS

Programming Languages
- C, C++, Java, Prolog, Haskell, Python, AspectJ, MySQL, Datalog

Compiler Tools & Solvers
- ANTLR, Javacc, Jtb, LLVM, Clang, Z3

Markup and Web
- PHP, Javascript & jQuery (beginners' level), LaTeX

Graphics and Visualization
- OpenGL, Gnuplot

LANGUAGES

English (Professional Proficiency)

Greek (Native)