Konstantinos "Kostas" Ferles

CONTACT INFORMATION	506 West 37th St Apt. 306 Austin, TX 78705

Mobile: +1 512-298-7867
E-mail: kferles@gmail.com

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

PROFESSIONAL EXPERIENCE

- **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.

RESEARCH	**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. **B.Sc Thesis** • Title: "C+-: An Introductory Programming Language, based on C and C++" • Advisor: Yannis Smaragdakis

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**
	  • ANTLR, Javacc, Jtb, LLVM, Clang
	
	• **Markup and Web**
	  • PHP, Javascript & jQuery (beginners' level), LaTeX
	
	• **Graphics and Visualization**
	  • OpenGL, Gnuplot

LANGUAGES	• Greek (Native) • English (Cambridge First Certificate in English)