

# Panagiota Katsikouli

## Curriculum Vitae

University of Patras  
Computer Engineering and Informatics Department,  
Polytechnic School of Engineering,  
Patras, Greece

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## Personal Information

*Date of Birth:* 22 May 1987

*Place of Birth:* Patras, Greece

## Education

2013-present: Doctoral Candidate in Computer Science

- Institution: School of Informatics, College of Science and Engineering, University of Edinburgh
- Laboratory of Foundations of Computer Science
- Start Date: September 2013
- Estimated graduation date: August 2016
- Supervisor: dr. Rik Sarkar

2011-2013: Master in Computer Science and Engineering

- Institution: Computer Engineering and Informatics Department, Polytechnic School of Engineering, University of Patras
- Date of Graduation: July 2013
- GPA: 9.6/10.0 (Excellent)
- Master Thesis: Cultural algorithms: application on the analysis of the greek-flavor of the WEB. (Supervisor: prof. Christos Kaklamanis)

2005-2011: Diploma (5-year degree) in Computer Science

- Institution: Computer Engineering and Informatics Department, Polytechnic School of Engineering, University of Patras
- Date of Graduation: September 2011
- GPA: 7.24/10.0 (Very good)
- Diploma Thesis: Theory and Applications of cellular automata (Supervisor: prof. Christos Kaklamanis)

## Academic Interests

- Algorithms (parallel, communication, online, approximation)
- Algorithmic Aspects of Networks
- Theory of Computation
- Graph Theory
- Computational Complexity
- Mathematical Logic

## Skills and Qualifications

- Programming Languages
  - C/C++
  - Java
  - HTML/PHP/XML
  - Prolog
  - Python/TKinter
- Design, implementation and managements of databases using MySQL
- Web programming and design
- Matlab
- $\text{T}_{\text{E}}\text{X}$ / $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$
- Unix/GNU Linux User

## Teacher's Assistant

Spring Semester 2011-2012: Java Programming Language Laboratory in Computer Engineering and Informatics Department, Polytechnic School of Engineering, University of Patras

## Publications

- S. Athanassopoulos, C. Kaklamanis, G. Kalfountzos, P. Katsikouli and E. Papaioannou. Simulation of Topology Control Algorithms in Wireless Sensor Networks using Cellular Automata. *Int'l J. of Communications, Network and System Sciences*, Vol. 6 No. 7, 2013, pp. 333-345. doi: 10.4236/ijcns.2013.67036.
- S. Athanassopoulos, C. Kaklamanis, P. Katsikouli, E. Papaioannou. How Greek the WEB is. In *Proc. of the 7th International Technology, Education and Development Conference (INTED 13)*, IATED, pp.6014-6023, 2013.
- S. Athanassopoulos, C. Kaklamanis, P. Katsikouli, E. Papaioannou. Cellular Automata for Topology Control in Wireless Sensor Networks. In *Proc. of the 16th Mediterranean Electrotechnical Conference (Melecon 12)*, IEEE, pp.212-215, 2012.

## Foreign Languages

- Greek(first language)
- English(exceptional)( Proficiency Certificate - University of Cambridge)
- Spanish(exceptional)( Diploma Superior (C2) - Instituto Cervantes)
- French(very well)( DELF A1-A4)
- Italian(very well)( Diploma di Lingua Italiana - Istituto Italiano di Cultura )