

Christos Koufogiannakis

Department of Computer Science
Engineering BU2
University of California
Riverside, CA 92521
USA

ckou@cs.ucr.edu
<http://www.cs.ucr.edu/~ckou/>

Education

Ph.D. Computer Science, Expected 2010
University of California, Riverside, CA, USA

M.S. Computer Science, July 2007
University of California, Riverside, CA, USA

B.S. Electronic and Computer Engineer, July 2004
Technical University of Crete, Chania, Greece

Research

University of California
Research Assistant
Professor Neal Young
Design and analysis of efficient approximation algorithms for combinatorial optimization problems.

Riverside, CA, USA
2006-present

Technical University of Crete
Undergraduate Diploma Thesis
Professor Vasilis Samoladas.
Techniques for Simulating Quantum Computers. Exploiting Multi-terminal Decision Diagrams for storing huge matrices and performing operations without uncompressing them.

Chania, Greece
2003-2004

Technical University of Crete
Undergraduate Research Assistant
Dynamic Systems and Simulation Laboratory (DSSL).
Modeling and simulation of traffic light behavior under the SMARTNETS project. Improvement of real-time network-wide urban traffic control via the application, demonstration, and evaluation of the new-generation control strategy TUC (Traffic-responsive Urban Control). TUC is developed by the DSSL.

Chania, Greece
June 2000-2002

Publications

- *Beating Simplex for Fractional Packing and Covering Linear Programs*
C. Koufogiannakis and N. Young, 48th Annual IEEE Symposium on Foundations of Computer Science(FOCS 2007)

Teaching

- CS 181: Principles of Programming Languages
Teaching Assistant, University of California, Riverside, Winter 2005
- CS 141: Intermediate Data Structures and Algorithms
Teaching Assistant, University of California, Riverside, Spring 2005
- CS 111: Discrete Structures
Teaching Assistant, University of California, Riverside, Fall 2005
- CS150: The Theory of Automata and Formal Languages
Teaching Assistant, University of California, Riverside, Winter 2006
- CS 141: Intermediate Data Structures and Algorithms
Teaching Assistant, University of California, Riverside, Spring 2006
- CS 141: Intermediate Data Structures and Algorithms
Instructor, University of California, Riverside, Summer 2007

Honors - Awards

- Greek State Scholarships Foundation scholarship (IKY), 1999
- Greek State Scholarships Foundation scholarship (IKY), 2000-2001
- Greek State Scholarships Foundation scholarship (IKY), 2002-2003
- Technical Chamber of Greece scholarship, 2002-2003
- Gerondelis Foundation Scholarship, 2006

Skills

- Languages: Greek (native), fluent English, intermediate German
- Computer Skills: C, C++, Java, Python, SQL, Matlab, \LaTeX , Windows, Unix, Linux