

Evgenios M. Kornaropoulos

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Citizenship: Greek
Sex: Male
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Research Interests

Computer & Network Security, Data Privacy, Design & Analysis of Algorithms, Applied Probability

Education

2012-Present Philosophy of Science Degree in Computer Science

Department of Computer Science, Brown University, Providence, RI, USA.

Specialization Area: Security & Applied Cryptography

Supervisor Professor: Prof. Roberto Tamassia

Postgraduate Courses Attended:

CSCI1510	Introduction to Cryptography
MATH-1580	Cryptography
CSCI1660	Introduction to Computer Systems Security
CSCI1550	Probabilistic Methods in Computer Science
CSCI2950-T	Topics in Distributed Databases & Systems
CSCI2950-V	Topics in Applied Cryptography
CSCI2951-E	Topics in Computer System Security
CSCI2951-F	Learning and Sequential Decision Making
CSCI2951-G	Computational Protein Folding
CSCI2951-H	Algorithms for Big Data
CSCI2951-U	Topics in Software Security

2009-2012 Master of Science Degree in Computer Science

Department of Computer Science, University of Crete, Heraklion Crete, Greece.

Specialization Area: Algorithms and Systems Analysis

Thesis Title: "Dominance Drawing of Non-Planar Graphs"

Supervisor Professor: Prof. Ioannis G. Tollis

GPA of Courses: 9.36 out of 10

2005-2009 Computer Science Diploma

Department of Computer Science, University of Crete, Heraklion Crete, Greece.
Four-year professional degree program consisting of 260 ECTS-credits.

Publications

8. M T. Goodrich, **E. M. Kornaropoulos**, M. Mitzenmacher, R. Tamassia: "*Auditable Data Structures*" , in Proc. of 2st IEEE European Symposium on Security and Privacy (EuroS&P'17), April, 2017.
7. M T. Goodrich, **E. M. Kornaropoulos**, M. Mitzenmacher, R. Tamassia: "*More Practical and Secure History-Independent Hash Tables*" , in Proc. of the 21st European Symposium on Research in Computer Security (ESORICS'16), September, 2016.
6. A. Mahmoody, **E. M. Kornaropoulos**, E. Upfal: "*Optimizing Static and Adaptive Probing Schedules for Rapid Event Detection*" , in Proc. of the 9th Conference on Combinatorial Optimization and Applications (COCOA'15), December, 2015.
5. M. Riondato and **E. M. Kornaropoulos**: "*Fast Approximation of Betweenness centrality through Sampling*" , in Proc. of the 7th ACM International Conference on Web Search and Data Mining (WSDM'14), pp. 413-422, March, 2014.
4. **E. M. Kornaropoulos** and I. G. Tollis: "*Weak Dominance Drawings for Directed Acyclic Graphs*" , in Proc. of the 20th International Symposium on Graph Drawing (GD'12), LNCS vol. 7704, pp. 559-560, Springer-Verlag, September, 2012.
3. **E. M. Kornaropoulos** and I. G. Tollis: "*DAGView: An Approach for Visualizing Large Graphs*" , in Proc. of the 20th International Symposium on Graph Drawing (GD'12), LNCS vol. 7704, pp. 499-510, Springer-Verlag, September, 2012.
2. **E. M. Kornaropoulos** and I. G. Tollis: "*Overloaded Orthogonal Drawings*" , in Proc. of the 19th International Symposium on Graph Drawing (GD'11), LNCS vol. 7034, pp. 242-253, Springer-Verlag, September, 2011.
1. **E. M. Kornaropoulos** and P. Tsakalides: "*A novel kNN classifier for acoustic vehicle classification based on alpha-stable statistical modeling*" , in Proc. IEEE 15th Workshop on Statistical Signal Processing (SSP'09), Cardiff, Wales, UK, August 31- September 3, 2009.

Research Experience

RESEARCH INTERN

5/2016-8/2016 NetApp Advanced Technology Group, *Waltham, MA, USA*

1/2015-4/2015 Symantec Research Labs, *Culver City, CA, USA*

GRADUATE STUDENT RESEARCH ASSISTANT

2012-present *Computer Science Department, Brown University, RI, USA*
 Participated in the NSF Funded projects 'BIGDATA:Analytical Approaches to Massive Data Computation' & 'Privacy-Preserving Distributed Storage and Computation'

2009-2012 *Computational Medicine Laboratory (CML), Institute of Computer Science(ICS),
 Foundation for Research and Technology Hellas (FORTH), Heraklion, Crete, Greece*

STUDENT RESEARCH ASSISTANT

2008-2009 *Telecommunications and Networks Laboratory (TNL), Institute of Computer Science(ICS),
Foundation for Research and Technology Hellas (FORTH), Heraklion, Crete, Greece
Participated in the European Commission Funded 'Aspire Project'
(Collaborative Signal Processing for Efficient Wireless Sensor Networks)*

Teaching Experience

Graduate Teaching Assistant in the Computer Science Departments of Brown University and University of Crete. Tasks included grading, organizing problem sets, solving problems in class and occasional lecturing.

Fall 2016-2017 CSCI-2950-V Topics in Applied Cryptography
 Spring 2015-2016 CSCI-1660 Computer Systems Security
 Fall 2013-2014 CSCI-1450 Introduction to Probability and Computing
 Fall 2011-2012 CS-583 Graph Algorithms
 Spring 2010-2011 CS-583 Graph Algorithms
 Fall 2010-2011 CS-240 Data Structures
 Spring 2009-2010 CS-240 Data Structures
 Fall 2009-2010 CS-217 Probability Theory

Honors & Awards

2012-2013 Paris Kanellakis Fellowship
 2012-2013 Outstanding Academic Performance Scholarship from Gerondelis Foundation
 2009-2011 Highest GPA in the 27-years history of the department among M.Sc. students with
 specialization in "Algorithms and Systems Analysis"
 2010,2011 *Graduate Scholarship*
 Institute of Computer Science, Foundation for Research and Technology Hellas,
 Heraklion, Crete, Greece
 2008,2009 *Undergraduate Scholarship*
 Institute of Computer Science, Foundation for Research and Technology Hellas,
 Heraklion, Crete, Greece

Extracurricular Activities

MUSIC

2010 Professional Classical Guitar Degree 'Ptichion'
 Graded "Excellent" unanimously. Ptichion committee consisted of Liza Zoe, Evangelos
 Assimakopoulos, Theodore Antoniou (former Professor of composition at Stanford).

- 2005-2010 Synchronon Conservatoire of Crete
Harmony, Solfege, History of Music, Genre and Form of Music, Chamber Music
and advanced Classical Guitar lessons with soloist Manolis Vrontinos.
- 1997-2005 Hellenic Conservatory
Theory of Music, Solfege, Classical guitar lessons with soloist Yannis Yakoumakis.

The electronic version contains links
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