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Aarhus University

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Research Interests

Combinatorics, Graph Theory,
Privacy preserving Machine Learning, and Secure Multiparty Computation

Education

(Current) **Aarhus University**

PhD Student

Advisors: Claudio Orlandi, Peter Scholl

Rutgers University

MSc, Information Technology, 2021

GPA: 3.97/4

**School of Applied Mathematics and Physical Sciences,
National Technical University of Athens**

BSc and MSc, Applied Mathematics, 2015

Majors: Computer Science, Statistics

Diploma Thesis

“The concrete security of practical cryptographic constructions”,
Advisor: Associate Professor Periklis Papakonstantinou, Rutgers University
*Survey on the security of cryptographic constructions in the information
theoretic setting*

“Mathematical Attacks on RSA”

Advisor: Assistant Professor Petros Stefaneas, NTUA
Implementation of attacks on the RSA cryptosystem.

Research

Capital Fund Management, New York City

Research Intern, Summer 2021

Performance of clustering techniques on stock returns.

MadHive Inc, New York City

Research Assistant, Summer 2019

Using cryptography to ensure integrity and detect fraud in AdTech technologies.

Computer Security Lab, University of California at Santa Barbara

Research Assistant, Summer 2015

Advisors: Professors Christopher Kruegel and Giovanni Vigna.
Armoring Android mobile devices against fake location signals.

Teaching

MSIS Dept., Rutgers University

Teaching Assistant, Information Security, Fall 2020, Spring 2021
Instructor, Management Information Science, Summer 2020
Teaching Assistant, Business Data Management, Spring, 2018, Spring 2019
Teaching Assistant, Database Systems (Graduate), Fall 2018
Teaching Assistant, Fundamentals of Optimization (Graduate), 2017
Teaching Assistant, Statistics, 2017

School of Professional Studies, Columbia University.

Instructor, Introduction to Programming with C, Summer 2017

Mathematics Dept., NYC College of Technology

Instructor, Discrete Structures and Algorithms I, 2016
Instructor, Quantitative Reasoning, 2017

Computer Science Dept., Brooklyn College

Instructor, Intro to Computer Applications, 2016

Computer Science Dept., Borough of Manhattan Community College

Instructor, Principles in Information Science and Computing, 2016

Work Experience

Linux System Administrator

The Graduate Center, CUNY, New York, 2015-2016

Supervisors: Gary Kettner, Lihua Wang

Maintaining (patching, upgrading, monitoring, securing) all the Linux servers of the school, migrations to newer technologies, in addition to threat response.

Software Engineer

Nessos Informatics, Athens, 2014-2015

Supervisor: Pantelis Petrogiannakis

Building web crawlers and scrapers to collect 15 years of basketball statistics from leagues around the world for the critically acclaimed game "World Basketball Manager".

Awards and Fellowships

Summer Research Award

Rutgers University, 2020

Summer Research Award

Rutgers University, 2018

Four Year Teaching Assistantship

Rutgers University, 2017

Five Year Graduate Center Fellowship

The Graduate Center, CUNY, 2015

**Languages
and Skills**

Greek (native), English (proficient), German (intermediate)
Python, R, JavaScript, MATLAB, L^AT_EX, Mathematica

Publications

1. Pei Peng, Nikolas Melissaris, Emina Soljanin, Bill Lee, Anton Maliev, and Huafeng Fan. Stragglers for covert message passing on complete graphs. In *57th Annual Allerton Conference on Communication, Control, and Computing, Allerton 2019, Monticello, IL, USA, September 24-27, 2019*, pages 453–459. IEEE, 2019