

Nikolas Melissaris

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Research Interests Theory of Computation, Cryptography, Complexity Theory, Combinatorics, Graph Theory, Privacy preserving Machine Learning, Computer Security, Multiparty Computation

Education (Current) **Rutgers University**
Ph.D. Student, Fully Funded
Advisors: Periklis Papakonstantinou, Jaideep Vaidya

The Graduate Center, CUNY - *transferred to Rutgers University*
Ph.D. Student, Fully Funded, Computer Science Dept.

School of Applied Mathematics and Physical Sciences,
National Technical University of Athens
BSc and MSc, Applied Mathematics, 2015
Majors: Computer Science, Statistics

Diploma Thesis “Mathematical Attacks on RSA”,
Advisor: Assistant Professor Petros Stefaneas
Implementation of attacks on the RSA cryptosystem.

Research **MadHive Inc**, New York City
Research Assistant, Summer 2019
Blockchain research for the world of ad distribution.

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, Business Data Management, Spring 2019
Teaching Assistant, Database Systems (Graduate), Fall 2018

	<p>Teaching Assistant, Business Data Management, Spring 2018</p> <p>Teaching Assistant, Fundamentals of Optimization (Graduate), 2017</p> <p>Teaching Assistant, Statistics, 2017</p>
	<p>School of Professional Studies, Columbia University.</p> <p>Instructor, Introduction to Programming with C, Summer 2017</p>
Teaching (cont.)	<p>Mathematics Dept., NYC College of Technology</p> <p>Instructor, Discrete Structures and Algorithms I, 2016</p> <p>Instructor, Quantitative Reasoning, 2017</p>
	<p>Computer Science Dept., Brooklyn College</p> <p>Instructor, Intro to Computer Applications, 2016</p>
	<p>Computer Science Dept., Borough of Manhattan Community College</p> <p>Instructor, Principles in Information Science and Computing, 2016</p>
Work Experience	<p>Linux System Administrator</p> <p><i>The Graduate Center, CUNY, New York, 2015-2016</i></p> <p>Supervisors: Gary Kettner, Lihua Wang</p> <p>Maintaining (patching, upgrading, monitoring, securing) all the Linux servers of the school, migrations to newer technologies, threat response.</p>
	<p>Software Engineer</p> <p><i>Nessos Informatics, Athens, 2014-2015</i></p> <p>Supervisor: Pantelis Petrogiannakis</p> <p>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”.</p>
Awards and Fellowships	<p>Summer Research Award</p> <p>Rutgers University, 2018</p>
	<p>Four Year Teaching Assistantship</p> <p>Rutgers University, 2017</p>
	<p>Five Year Graduate Center Fellowship, Five Year Tuition Award, Five Year Graduate Assistanship</p> <p>The Graduate Center, CUNY, 2015</p>
Languages and Skills	<p>Greek (native), English (proficient), German (intermediate)</p> <p>Python, R, JavaScript, MATLAB, L^AT_EX, Mathematica</p>