

# 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**      **Computer Security Lab, University of California at Santa Barbara**  
Research Assistant intern, 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  
Teaching Assistant, Business Data Management, Spring 2018  
Teaching Assistant, Fundamentals of Optimization (Graduate), 2017  
Teaching Assistant, Statistics, 2017

	<p><b>School of Professional Studies, Columbia University.</b> Instructor, Introduction to Programming with C, Summer 2017</p>
Teaching (cont.)	<p><b>Mathematics Dept., NYC College of Technology</b> Instructor, Discrete Structures and Algorithms I, 2016 Instructor, Quantitative Reasoning, 2017</p> <p><b>Computer Science Dept., Brooklyn College</b> Instructor, Intro to Computer Applications, 2016</p> <p><b>Computer Science Dept., Borough of Manhattan Community College</b> Instructor, Principles in Information Science and Computing, 2016</p>
Work Experience	<p><b>Linux System Administrator</b> <i>The Graduate Center, CUNY</i>, 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, threat response.</p> <p><b>Software Engineer</b> <i>Nessos Informatics</i>, 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”.</p>
Awards and Fellowships	<p><b>Summer Research Award</b> Rutgers University, 2018</p> <p><b>Four Year Teaching Assistantship</b> Rutgers University, 2017</p> <p><b>Five Year Graduate Center Fellowship, Five Year Tuition Award, Five Year Graduate Assistanship</b> The Graduate Center, CUNY, 2015</p>
Languages and Skills	<p>Greek (native), English (proficient), German (intermediate) Python, R, JavaScript, MATLAB, L<sup>A</sup>T<sub>E</sub>X, Mathematica</p>