

# Nikolaos Melissaris Papanikolaou

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MSIS Dept. Rutgers University  
Room 5119  
100 Rockefeller Rd.  
Piscataway Township, NJ 08854

nikolas.melissaris@rutgers.edu  
www.github.com/asterias  
Skype: nikolas.asteri  
Phone: +1 (424) 535-9068

## Research Interests

Cryptography, Complexity Theory, Computer Security, E-voting, Privacy,  
Network Security

## Education

(Current) **Rutgers University**  
Ph.D. Student, Fully Funded, Management Science and Information Systems  
**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**  
5 Year Diploma (MSc equivalent), Applied Mathematics, 2015  
Majors: Mathematics for 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, 2018  
Teaching Assistant, Fundamentals of Optimization (Graduate), 2017  
Teaching Assistant, Intro to Business Research Methods, 2017

**School of Professional Studies, Columbia University.**  
Instructor, Introduction to Programming with C, Summer 2017

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>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>