

# Curriculum Vitae

Thanasis Lianeas

## Personal Info

Full Name	Athanasios V. Lianeas
Date of Birth	December 17th, 1983
Residence	Austin, Texas, USA
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## Education

2009-2014	Phd in Computer Science, School of Electrical and Computer Engineering, National Technical University of Athens, supervised by Prof. Stathis Zachos and Prof. Dimitris Fotakis, Thesis: “Congestion Games: Stochastic Extensions and Techniques for Reducing the Price of Anarchy”
2007-2009	Graduate Diploma (MSc.), Graduate Program in Logic, Algorithms and Computation, co organized by the National Technical University of Athens, the University of Athens and the University of Patras. GPA: 8.7/10. (Thesis: Undirected Graph Connectivity in Logspace, grade 10/10, Advisor: Prof. Stathis Zachos)
2001-2007	Diploma (BSc., MSc.), School of Applied Mathematical and Physical Sciences, National Technical University of Athens (N.T.U.A.). GPA: 8.22/10. (Diploma thesis: Conflict-free Colorings, grade 10/10, Advisor: Prof. Stathis Zachos)

## Research Interests

Game Theory	Basically interested in Congestion Games, their special cases or extensions that better model real life situations (e.g. deciding under risk).
Algorithms	More general, I am interested in any tempting algorithmic problem.

## Publications

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| 2014 | Dimitris Fotakis, Alexis C. Kaporis, Thanasis Lianeas, Paul G. Spirakis<br><i>On the Hardness of Network Design for Bottleneck Routing Games.</i><br>Theoretical Computer Science (TCS '14)          |
| 2013 | Haris Angelidakis, Dimitris Fotakis, Thanasis Lianeas<br><i>Stochastic Congestion Games with Risk-Averse Players.</i><br>Symposium on Algorithmic Game Theory (SAGT '13)                             |
| 2013 | Dimitris Fotakis, Alexis C. Kaporis, Thanasis Lianeas, Paul G. Spirakis<br><i>Resolving Braess's Paradox in Random Networks.</i><br>Web and Internet Economics (WINE '13)                            |
| 2012 | Dimitris Fotakis, Alexis C. Kaporis, Thanasis Lianeas, Paul G. Spirakis<br><i>On the Hardness of Network Design for Bottleneck Routing Games.</i><br>Symposium on Algorithmic Game Theory (SAGT '12) |

## Working Papers

- Dimitris Fotakis, Dimitris Kalimeris, Thanasis Lianeas  
*Improving Selfish Routing through Risk-Aversion.*
- Thanasis Lianeas, Evdokia Nikolova, Nicolas Stier-Moses  
*On Bounding the Price of Risk Aversion*

## Teaching Experience

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| 2009-2014 | TA for the undergraduate course "Algorithms and Complexity", School of Electrical and Computer Engineering, N.T.U.A.  |
| 2007-2014 | Supporting the laboratory-exercisers part of the course "Introduction to Programming", School of Electrical and Computer Engineering, N.T.U.A.  |
| 2010-2012 | TA for the undergraduate course "Introduction to Computer Science", School of Electrical and Computer Engineering, N.T.U.A.   |
| 2009-2010 | TA for the graduate courses "Theoretical Computer Science I: Algorithms and Complexity" and "Theoretical Computer Science II: Algorithmic Game Theory", School of Electrical and Computer Engineering, N.T.U.A. |
| 2006-2014 | Tutoring undergraduate students for the courses "Algorithms and Complexity" and "Introduction to Computer Science" and for Mathematics, Physics and Mechanics.  |

## Awards

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| 2002 | Award of a scholarship by the Greek State Scholarship's Foundation for excellent performance during the first year of studies at the N.T.U.A. |
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## Other Interests

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| Music  | Member of N.T.U.A. CoReLab's band "Great Thirds", amateur Violinist.  |
| Sports | Diploma form Faculty of Physical Education and Sport Science of the University of Athens (2008-2013). Fun of doing any Sport. |

## References

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| Dimitris Fotakis | Assistant Professor at the School of Electrical and Computer Engineering of the National Technical University of Athens.<br>e-mail: fotakis@cs.ntua.gr |
| Stathis Zachos   | Professor at the School of Electrical and Computer Engineering of the National Technical University of Athens.<br>e-mail: zachos@cs.ntua.gr            |
| Aris Pagourtzis  | Assistant Professor at the School of Electrical and Computer Engineering of the National Technical University of Athens.<br>e-mail: pagour@cs.ntua.gr  |