

## Curriculum Vitae - Anthi Orfanou

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### CONTACT INFORMATION

*Email:* anthi@cs.columbia.edu

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### EDUCATION

*2012-2015:* MPhil in Computer Science, Columbia University

\* *Research Area:* Computational Complexity, Algorithmic Game Theory, *Supervisor:* Professor Xi Chen

\* *GPA* 4.1/4.0

*2009-2012:* Master of Science in Theoretical Computer Science, Department of Informatics and Telecommunications, National and Kapodistrian University of Athens

\* *Thesis:* Voter-Verifiable Internet Voting Protocols, *Research Area:* Cryptography, *Supervisor:* Professor Aggelos Kiayias

\* *GPA:* 9.44/10.00 (with honors)

*2005-2009:* Bachelor of Science in Computer Science, Department of Informatics and Telecommunications, National and Kapodistrian University of Athens

\* *Thesis:* Sponsored Search Auctions, *Research Area:* Algorithmic Game Theory, *Supervisor:* Professor Elias Koutsoupias

\* *GPA:* 8.86/10.00 (with honors, top 1%)

*2008:* ERASMUS European Exchange Program

\* Helsinki University of Technology (TKK), Spring Semester 2008

*2005:* High School Diploma

\* *GPA:* 19.4/20.00 (with honors)

\* Ranked among the first 300 students in National Level (Panhellenic) Examinations of 2004

### AWARDS AND DISTINCTIONS

#### *Awards and Scholarships*

2013 : Gerondelis Foundation Scholarship for outstanding academic performance

2009-2011: Antonios Papadakis Scholarship for Master Studies (awarded after exams, ranked 8<sup>th</sup> out of 180 candidates), University of Athens

2009: Pantias Rallis Scholarship for excellent academic performance: ranked 1<sup>rst</sup> among all undergraduate students in Department of Informatics and Telecommunications, University of Athens

2009: Award for being ranked 1<sup>rst</sup> among the fourth year undergraduate students in Department of Informatics and Telecommunications, Greek State Scholarship Foundation

2008: ERASMUS European Exchange Program Scholarship

2005-2009: Antonios Papadakis Scholarship for Undergraduate Studies (awarded after exams, ranked 2<sup>nd</sup> out of 20 candidates of the same region), University of Athens

#### *Honors*

- Department of Informatics and Telecommunications, University of Athens
- 2009: Ranked 2<sup>nd</sup> (top 1%) in graduating class (among 60 graduates out of 277 students who enrolled in 2005)
- 2005: Ranked 7<sup>th</sup> in entering class (out of 277 students who enrolled in 2005)

#### PUBLICATIONS

- “On the Complexity of Optimal Lottery Pricing and Randomized Mechanisms”, Xi Chen, Ilias Diakonikolas, Anthi Orfanou, Dimitris Pappas, Xiaorui Sun, Mihalis Yannakakis, FOCS 2015.
- “On the Complexity of Nash Equilibria in Anonymous Games”, Xi Chen, David Durfee, Anthi Orfanou, STOC 2015.
- “Scaling Privacy Guarantees in Code-Verification Elections”, Aggelos Kiayias and Anthi Orfanou, VOTE-ID 2013.

#### TEACHING EXPERIENCE

- *2014*: Analysis of Algorithms I, *Institute*: Columbia University, *Instructor*: Professor Xi Chen, *Duties*: Grading of assignments
- *2013*: Analysis of Algorithms I, *Institute*: Columbia University, *Instructor*: Doctor Lisa Zhang, *Duties*: Grading of assignments
- *2011/12, 2010/11 and 2009/10*: Discrete Mathematics, *Institute*: National Kapodistrian University of Athens, *Instructor*: Professor Aggelos Kiayias, *Duties*: Teaching in class, designing and grading of assignments
- *2009/10*: Mathematics for Computer Science, *Institute*: National Kapodistrian University of Athens, *Instructor*: Professor Elias Koutsoupias, *Duties*: Grading of assignments

#### TECHNICAL SKILLS

- Programming Languages: C (proficient), Python (experienced), C++ (beginner)
- Applications: L<sup>A</sup>T<sub>E</sub>X

#### EXTRACURRICULAR DUTIES

- Treasurer of the Alumni Club of the Department of Informatics and Telecommunications, 2011-2012

#### LANGUAGES

- Greek (Native)
- English (Fluent) - Certificate of Proficiency in English (University of Michigan)
- Spanish (Fluent) - DELE (Diplomas of Spanish as a Foreign Language) Nivel Intermedio