

Anargyros-Georgios (Argyris) Mouzakis

CONTACT INFORMATION	<p>Cheriton School of Computer Science Davis Centre Room 2569 200 University Ave W Waterloo, ON N2L 3G1</p>	<p>Email: amouzaki@uwaterloo.ca Website: argymouz.github.io</p>
RESEARCH INTERESTS	Theoretical Computer Science, Algorithmic Statistics, Machine Learning Theory, Privacy	
EDUCATION	<p>University of Waterloo, (Waterloo, Ontario, Canada) PhD in Computer Science, Sept. 2020 - Present Advisor: Gautam Kamath</p> <p>National Technical University of Athens, (Athens, Greece) Diploma (5 - year degree) in Electrical and Computer Engineering, Nov. 2019 Thesis: Learning Techniques for Ranking Distributions Advisor: Dimitris Fotakis GPA: 9.1/10 (Excellent) - ranked 17th among 298 graduates of 2019</p>	
PUBLICATIONS AND MANUSCRIPTS	<p>A Bias-Variance-Privacy Trilemma for Statistical Estimation Gautam Kamath, Argyris Mouzakis, Matthew Regehr, Vikrant Singhal, Thomas Steinke, Jonathan Ullman <i>arXiv:2301.13334</i>, 2023</p> <p>New Lower Bounds for Private Estimation and a Generalized Fingerprinting Lemma Gautam Kamath, Argyris Mouzakis, Vikrant Singhal <i>Conference on Neural Information Processing Systems (NeurIPS)</i>, 2022 <i>Workshop on Theory and Practice of Differential Privacy (TPDP)</i>, 2022</p> <p>A Private and Computationally Efficient Estimator for Unbounded Gaussians Gautam Kamath, Argyris Mouzakis, Vikrant Singhal, Thomas Steinke, Jonathan Ullman <i>Conference on Learning Theory (COLT)</i>, 2022 <i>Workshop on Theory and Practice of Differential Privacy (TPDP)</i>, 2022</p>	
RESEARCH EXPERIENCE	<p>Research Intern, Max Plank Institute for Informatics (Summer 2020) Mentors: Vasileios Nakos, Themis Gouleakis</p>	
HONORS AND AWARDS	<p>Cheriton Graduate Scholarship for Incoming Students (University of Waterloo, awarded Sept. 2020 - Aug. 2022) Third Prize in the International Mathematics Competition for University Students (IMC, 2019) Bronze Medal in the South Eastern European Mathematical Olympiad for University Students (SEEMOUS, 2015) Distinctions in the Panhellenic Physics Competition (ranked 19th, 31st and 23rd respectively, 2012 - 2014) Bronze Medals in the Greek Mathematical Olympiad (2011, 2014)</p>	

Runner-up for the Junior Balkan Mathematical Olympiad (2011 - tied in positions 8 - 10 in the selection process for the Greek team)

TEACHING
EXPERIENCE

University of Waterloo

Teaching Assistant, CS370: Numerical Computation
Winter 2023

University of Waterloo

Teaching Assistant, CS341: Algorithms
Fall 2022

University of Waterloo

Teaching Assistant, CS245: Logic and Computation
Spring 2022

University of Waterloo

Teaching Assistant, CS246: Object-Oriented Software Development
Spring 2021, Fall 2021, Winter 2022

National Technical University of Athens

Teaching Assistant, Algorithms & Complexity
Fall 2019

National Technical University of Athens

Lab Assistant, Computer Programming
Fall 2015 - 2018

PROFESSIONAL
SERVICE

Reviewer: NeurIPS 2022, ICML 2022, NeurIPS 2021

Organizer: University of Waterloo Algorithms & Complexity Seminar (Winter 2022 - present), Student Seminar (Fall 2021 - present)

VOLUNTEERING

Moderator for the ECE NTUA students' forum and its associated Wikipedia-style project (2016 - 2021)

SKILLS

Programming

C/C++, Python, Matlab/Octave

Languages

Greek (Native), English (Cambridge C2 Proficiency), French (Sorbonne C2)