

# Anargyros-Georgios (Argyris) Mouzakis

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CONTACT INFORMATION	<p>Cheriton School of Computer Science Davis Centre Room 2306N1 200 University Ave W Waterloo, ON N2L 3G1</p>	<p>Email: <a href="mailto:amouzaki@uwaterloo.ca">amouzaki@uwaterloo.ca</a> Website: <a href="https://argymouz.github.io">argymouz.github.io</a></p>
RESEARCH INTERESTS	Machine Learning Theory, Algorithmic Statistics, Privacy	
EDUCATION	<p><b>University of Waterloo</b>, (Waterloo, Ontario, Canada) PhD in Computer Science, Sept. 2020 - Present Advisor: Gautam Kamath</p> <p><b>National Technical University of Athens</b>, (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 290 graduates of 2019</p>	
PUBLICATIONS AND MANUSCRIPTS	<p><b><a href="#">Private Mean Estimation with Person-Level Differential Privacy</a></b> Sushant Agarwal, Gautam Kamath, Mahbdo Majid, Argyris Mouzakis, Rose Silver, Jonathan Ullman <i>Symposium on Discrete Algorithms (SODA)</i>, 2025</p> <p><b><a href="#">Not All Learnable Distribution Classes are Privately Learnable</a></b> Mark Bun, Gautam Kamath, Argyris Mouzakis, Vikrant Singhal <i>International Conference on Algorithmic Learning Theory (ALT)</i>, 2024</p> <p><b><a href="#">A Bias-Variance-Privacy Trilemma for Statistical Estimation</a></b> Gautam Kamath, Argyris Mouzakis, Matthew Regehr, Vikrant Singhal Thomas Steinke, Jonathan Ullman <i>arXiv:2301.13334</i>, 2023 <i>In Submission to Journal of the American Statistical Association (JASA)</i> <i>Workshop on Theory and Practice of Differential Privacy (TPDP)</i>, 2023</p> <p><b><a href="#">New Lower Bounds for Private Estimation and a Generalized Fingerprinting Lemma</a></b> 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><b><a href="#">A Private and Computationally Efficient Estimator for Unbounded Gaussians</a></b> 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><b>Research Intern</b>, University of Cambridge (Summer 2023) Mentors: Po-Ling Loh, Varun Jog</p>	

	<p><b>Research Intern</b>, Max Plank Institute for Informatics (Summer 2020) Mentors: Vasileios Nakos, Themis Gouleakis</p>
HONORS AND AWARDS	<p><b>Onassis Foundation Scholarship</b> for PhD Students (Onassis Foundation, awarded Sept. 2023 - Dec. 2025)  <b>Cheriton Graduate Scholarship</b> for Incoming Students (University of Waterloo, awarded Sept. 2020 - Aug. 2022)  <b>Third Prize</b> in the International Mathematics Competition for University Students (IMC, 2019)  <b>Bronze Medal</b> in the South Eastern European Mathematical Olympiad for University Students (SEEMOUS, 2015)  <b>Distinctions</b> in the Panhellenic Physics Competition (ranked 19th, 31st and 23rd respectively, 2012 - 2014)  <b>Bronze Medals</b> in the Greek Mathematical Olympiad (2011, 2014)  <b>Runner-up</b> for the Junior Balkan Mathematical Olympiad (2011 - tied in positions 8 - 10 in the selection process for the Greek team)</p>
TEACHING EXPERIENCE	<p><b>At the University of Waterloo:</b></p> <p>CS480: Introduction to Machine Learning (Fall 2023, Spring 2024)</p> <p>CS370: Numerical Computation (Winter 2023)</p> <p>CS341: Algorithms (Fall 2022, Winter 2024)</p> <p>CS245: Logic and Computation (Spring 2022, 2023)</p> <p>CS246: Object-Oriented Software Development (Spring 2021, Fall 2021, Winter 2022)</p> <p><b>At the National Technical University of Athens</b></p> <p>Algorithms &amp; Complexity (Fall 2019)</p> <p>Computer Programming (Fall 2015 - 2018)</p>
PROFESSIONAL SERVICE	<p><b>Conference Reviewer:</b> AISTATS 2025, ITCS 2025, SODA 2025, COLT 2024, STOC 2024, ITCS 2024, SODA 2024, FOCS 2023, ICML 2022, NeurIPS 2021-2023</p> <p><b>Journal Reviewer:</b> JMLR, IEEE Transactions on Information Theory</p> <p><b>Organizer:</b> University of Waterloo Algorithms &amp; Complexity Seminar (Winter 2022 - present), Student Seminar (Fall 2021 - Winter 2022)</p>
VOLUNTEERING	<p><b>Moderator</b> for the ECE NTUA students' forum and its associated Wikipedia-style project (2016 - 2021)</p>
SKILLS	<p><b>Programming:</b> C/C++, Python, Matlab/Octave</p> <p><b>Languages:</b> Greek (Native), English (Cambridge C2 Proficiency), French (Sorbonne C2)</p>