

ELENI TRIANTAFILLOU

PERSONAL DATA

PLACE AND DATE OF BIRTH: Canada, 8 August, 1993
PHONE: +44 7840376971
EMAIL: etrianatafillou@google.com
GENDER: Female

CURRENT EMPLOYMENT

Senior Research Scientist at Google DeepMind.

EDUCATION

JANUARY 2017 - NOVEMBER 2021 PhD Degree in COMPUTER SCIENCE,
University of Toronto, Machine Learning GROUP
Advisors: Richard Zemel and Raquel Urtasun

SEPTEMBER 2015 - JANUARY 2017 MSc Degree in COMPUTER SCIENCE
University of Toronto, Machine Learning GROUP
Advisors: Richard Zemel and Raquel Urtasun

SEPTEMBER 2011 - APRIL 2015 Bachelor Degree at the **University of Toronto**
SPECIALIST IN **Computer Science**
MINOR IN **Mathematics**
CUMULATIVE GPA: 3.76 (top 2%) (High Distinction)

SEPTEMBER 2007 - JUNE 2011 Experimental Lyceum of the University of Patras,
Greece. Average: 97%.

SCHOLARSHIPS, AWARDS, AND DISTINCTIONS

- **Top reviewer awards:** ICLR 2023 (notable reviewer), NeurIPS 2021 (top 8%), ICLR 2021 (outstanding reviewer), ICML 2019 (top 5%), NeurIPS 2020 (top 10%), NeurIPS 2018 (top 218 reviewers), ICML 2020 (top 33%).
- SPRING 2019: NSERC **Alexander Graham Bell Canada Graduate Scholarship - Doctoral (CGS D)** award (70K CAD over 24 months). This is the most prestigious NSERC scholarship for graduate study in Canada.
- FALL 2016 - FALL 2017: NSERC **Canada Graduate Scholarship-Masters's Program** award (17,500 CAD over 12 months)
- FALL 2015 - FALL 2016: **Ontario Graduate Scholarship (OGS)** award (15,000 CAD)
- 2015: **St. Michael's Silver Medal** for Academic Excellence
- 2012 - 2015: Member of the **Dean's List**, UNIVERSITY OF TORONTO
- FALL 2014: Received an **In-Course Scholarship** (1,500 CAD) from St. Michael's College, University of Toronto (circa top 3%) for my strong academic record
- MAY-AUGUST: **NSERC Summer Research Award** (4,500 CAD)

- 2013: Received a scholarship by the **Greek National Scholarship Institution** (IKY) (1,700 €) for being the highest ranked student entering Greek university Computer Science departments (tenable at the UNIVERSITY OF PATRAS)
- FALL 2012: Received an **In-Course Scholarship** (1,500 CAD) from St. Michael's College, University of Toronto (circa top 3%) for my strong academic record
- 2010: Awarded by the **Hellenic Mathematical Society** for passing to the second round of the National Mathematics Olympiad (top 5% of tens of thousands students)
- 2009: Awarded by the **Hellenic Mathematical Society**, as above

SELECTED PUBLICATIONS

- **Inexact Unlearning Needs More Careful Evaluations to Avoid a False Sense of Privacy.**
Jamie Hayes, Ilia Shumailov, [Eleni Triantafillou](#), Amr Khalifa, Nicolas Papernot. SaTML 2025.
- **What makes unlearning hard and what to do about it.**
Kairan Zhao, Meghdad Kurmanji, George-Octavian Barbulescu, [Eleni Triantafillou*](#), Peter Triantafillou*. NeurIPS 2024.
- **Machine Unlearning in Learned Databases: An Experimental Analysis.**
Meghdad Kurmanji, [Eleni Triantafillou](#), Peter Triantafillou. SIGMOD 2024.
- **Towards Unbounded Machine Unlearning.**
Meghdad Kurmanji, Peter Triantafillou, Jamie Hayes, [Eleni Triantafillou](#). NeurIPS 2023.
- **In Search for a Generalizable Method for Source Free Domain Adaptation.**
Malik Boudiaf, Tom Denton, Bart van Merriënboer, Vincent Dumoulin*, [Eleni Triantafillou*](#). ICML 2023.
- **Learning a Universal Template for Few-shot Dataset Generalization.**
[Eleni Triantafillou](#), Hugo Larochelle, Rich Zemel, Vincent Dumoulin. ICML 2021.
- **Meta-dataset: A dataset of datasets for learning to learn from few examples.**
[Eleni Triantafillou](#), Tyler Zhu, Vincent Dumoulin, Pascal Lamblin, Kelvin Xu, Ross Goroshin, Carles Gelada, Kevin Swersky, Pierre-Antoine Manzagol, Hugo Larochelle. ICLR 2020.
- **Meta Learning for Semi-Supervised Few-Shot Classification.** Mengye Ren, [Eleni Triantafillou*](#), Sachin Ravi*, Jake Snell, Kevin Swersky, Joshua B. Tenenbaum, Hugo Larochelle, Richard S. Zemel. ICLR 2018.
- **Few-Shot Learning Through an Information Retrieval Lens.** [Eleni Triantafillou](#), Richard Zemel, Raquel Urtasun. NeurIPS 2017.
- **Non-Deterministic Planning with Temporally Extended Goals: LTL over finite and infinite traces.**
Alberto Camacho, [Eleni Triantafillou](#), Christian Muise, Jorge Baier, and Sheila McIlraith. AAAI 2017.

SELECTED PREPRINTS AND WORKSHOP PAPERS

- **Improved Localized Unlearning through the Lens of Memorization.**
Reihaneh Torkzadehmahani, Reza Nasirigerdeh, Georgios Kaissis, Daniel Rueckert, Gintare Karolina Dziugaite, [Eleni Triantafillou](#). 2024.
- **Are we making progress in unlearning? Findings from the first NeurIPS unlearning competition..**

Eleni Triantafillou, Peter Kairouz, Fabian Pedregosa, Jamie Hayes, Meghdad Kurmanji, Kairan Zhao, Vincent Dumoulin, Julio Jacques Junior, Ioannis Mitliagkas, Jun Wan, Lisheng Sun Hosoya, Sergio Escalera, Gintare Karolina Dziugaite, Peter Triantafillou, Isabelle Guyon. 2024.

- **Data Selection for Transfer Unlearning.**
Nazanin Mohammadi Sepahvand, Vincent Dumoulin, Eleni Triantafillou*, Gintare Karolina Dziugaite*. 2024.
- **Learning Flexible Classifiers with Shot-CONditional Episodic (SCONE) Training.**
Eleni Triantafillou, Vincent Dumoulin, Hugo Larochelle, Richard Zemel. Meta-Learning workshop at NeurIPS 2020.
- **Flexible Few-Shot Learning with Contextual Similarity.**
Mengye Ren*,
Eleni Triantafillou*, Kuan-Chieh Wang*, James Lucas*, Jake Snell, Xaq Pitkow, Andreas S. Tolias, Richard Zemel. In submission to CVPR.
- **Few-shot Out-of-Distribution Detection.** Kuan-Chieh Wang, Paul Vicol,
Eleni Triantafillou, Richard Zemel. UDL workshop at ICML 2020 (spotlight).
- **Few-shot Learning for Free by Modelling Global Class Structure.**
Xuechen Li*, Will Grathwohl*, Eleni Triantafillou*, David Duvenaud, Richard Zemel. Meta-Learnig workshop at NeurIPS 2018.
- **Towards Generalizable Sentence Embeddings.**
Eleni Triantafillou, Jamie Ryan Kiros, Raquel Urtasun, Richard Zemel. RepL4NLP workshop at ACL 2016.
- **A Unifying Framework for Planning with LTL and Regular Expressions.**
Eleni Triantafillou, Jorge A. Baier, Sheila A. McIlraith. MOCHAP workshop at ICAPS 2015.
- **Google AI [blog post](#) on Meta-Dataset.** Eleni Triantafillou and Vincent Dumoulin.

RESEARCH INTERNSHIPS AND INDUSTRIAL EMPLOYMENT

SEPTEMBER 2020 - APRIL 2021	Student Researcher, Google Brain, Montreal supervised by Vincent Dumoulin and Hugo Larochelle
SUMMER 2020	Student Researcher, Google Brain, Montreal supervised by Hugo Larochelle
SEPTEMBER 2019 - MAY 2020	Student Researcher, Google Brain, Montreal supervised by Hugo Larochelle
SUMMER 2019	Research intern, Google Brain, Montreal supervised by Hugo Larochelle
OCTOBER 2018 - FEBRUARY 2019	Student Researcher, Google Brain, Toronto supervised by Hugo Larochelle
SUMMER 2018	Software Developer Intern, Google Brain, Montreal supervised by Hugo Larochelle
SUMMER 2015	Microsoft Research (MSR) , Cambridge UK ‘Bright minds’ intern under Antonio Criminisi, Machine Learning and Perception group.
SUMMER 2013	University of Glasgow , UK supervised by Prof. Stephen Brewster, HCI group.

COMMUNITY SERVICE

- Associate Program Chair for CoLLAs 2025.

- Action Editor for TMLR since 2024.
- Area chair for AutoML 2022 and 2023.
- Co-organizer for meta-learning workshop at NeurIPS 2022
- I am giving a tutorial at NeurIPS 2022.
- Conference reviewer for: CVPR 2021, ICLR (2019-2024), NeurIPS (2018-2024), ICML (2019-2024), UAI 2018, IROS 2021, TMLR (until 2024).
- Member of the PC for several workshops: S2D-OLAD at ICLR 2021, Meta-Learning at NeurIPS 2020, AMTL at ICML 2019, LLD at ICLR 2019, Meta-Learning at NeurIPS 2018, Meta-Learning at NeurIPS 2017, LLD at NeurIPS 2017, WiML at NeurIPS 2017, WiCV at CVPR 2018 and 2021, Pre-training workshop at ICML 2022.

INVITED TALKS

- **Are we making progress in machine unlearning?** Keynote talk at CoLLAs 2024. [recording](#).
- **Machine Unlearning in Computer Vision: Foundations and Applications.** [CVPR tutorial recording](#).
- **The Role of Meta-learning for Few-shot Learning.** Invited talk at the Alan Turing Institute hosted at the University of Sheffield. [recording](#).
- **The Role of Meta-learning for Few-shot Learning.** NeurIPS 2022 [tutorial recording](#).
- **On the Role of Meta-learning for Few-shot Classification.** Invited [talk](#). Meta-learning workshop at NeurIPS 2021.
- **Few-shot Classification Under Dataset Shift.** Vector Endless Summer School: Dataset Shift and COVID-19. July 2020.
- **On Recent Progress in Few-shot Classification.** Tea talk series of the African Institute for Mathematical Sciences (AIMS). June 2020.
- **Few-shot learning in vision applications.** Vector Endless Summer School: Computer Vision. May 2019.
- **A five minute overview of few-shot learning.** Research madness talk during UofT's grad visit day. March 2019.
- **Recent Methods for (Semi-Supervised) Few-shot Learning.** Microsoft Research Lab (Maluuba), Montreal. Feb 2018.
- **Few-shot learning of new words.** Vector Endless Summer School, November 2017.
- **(Semi-Supervised) Few-shot Learning.** Research madness talk during UofT's grad visit day. March 2018.
- **Introduction to Few-shot Learning.** University of Toronto Machine Intelligence Student Team (UTMIST), November 2017.

OTHER INTERESTS AND ACTIVITIES

- Cooking and [food blogging](#).
- Piano playing, singing and [song writing](#).
- Dancing (hip hop, trying to learn west coast swing :)).