

Curriculum Vitae

Stelios Triantafyllou

PERSONAL DATA

LOCATION: Saarbrücken, Germany
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EDUCATION

- 09/2020 - TODAY PhD Student in Computer Science
 Max Planck Institute for Software Systems, Germany
 Supervisor: Dr. Goran Radanovic
 Interests: *Causality, Reinforcement Learning, Algorithmic Game Theory*
 Anticipated graduation date: 12/2025
- 10/2013 - 10/2019 Integrated Master of Electrical and Computer Engineering (MEng ECE)
 National Technical University of Athens, Greece
 Concentration field: *Information Technology*
 Course-Streams: *Computer Systems, Computer Software, Mathematics, Telecommunication Systems and Computer Networks*
 Diploma Thesis: [Game-Theoretical Models for Orienteering Problems](#)
 Thesis Advisor: Prof. Dimitris Fotakis
 GPA: 8.34/10

LIST OF PUBLICATIONS

- S. Triantafyllou, A. Sukovic, Y. Zolfimoselo, G. Radanovic. [Counterfactual Effect Decomposition in Multi-Agent Sequential Decision Making](#). arXiv:2410.12539, 2024.
 - *Extended Abstract Accepted at the 9th Causal Inference Workshop at UAI 2024.*
- S. Triantafyllou, A. Sukovic, D. Mandal, G. Radanovic. [Agent-Specific Effects: A Causal Effect Propagation Analysis in Multi-Agent MDPs](#). International Conference on Machine Learning (ICML) 2024.
 - *Invited Talk at DAI 2024 Conference.*
- Ben Rank, S. Triantafyllou, D. Mandal, G. Radanovic. [Performative Reinforcement Learning in Gradually Shifting Environments](#). Conference on Uncertainty in Artificial Intelligence (UAI) 2024.
- S. Triantafyllou, G. Radanovic. [Towards Computationally Efficient Responsibility Attribution in Decentralized Partially Observable MDPs](#). International Conference on Autonomous Agents and Multiagent Systems (AAMAS) 2023.
- S. Triantafyllou. [Forward-Looking and Backward-Looking Responsibility Attribution in Multi-Agent Sequential Decision Making](#). Doctoral Consortium at International Conference on Autonomous Agents and Multiagent Systems (AAMAS) 2023.
- D. Mandal, S. Triantafyllou, G. Radanovic. [Performative Reinforcement Learning](#). International Conference on Machine Learning (ICML) 2023.
- S. Triantafyllou, A. Singla, G. Radanovic. [Actual Causality and Responsibility Attribution in Decentralized Partially Observable Markov Decision Processes](#). AAAI/ACM Conference on AI, Ethics, and Society (AIES) 2022.

- S. Triantafyllou, A. Singla, G. Radanovic. [On Blame Attribution for Accountable Multi-Agent Sequential Decision Making](#). Conference on Neural Information Processing Systems (NeurIPS) 2021.

WORK EXPERIENCE IN CS

12/2019 - 08/2020	Programmer/Analyst <i>Hellenic Republic Ministry of Defence</i> As part of my (compulsory) military service in the Hellenic Air Force
02/2020 - 05/2020	Research Group Member <i>Lab of Geometric & Algebraic Algorithms, NKUA</i> Research Focus: <i>Capacitated Vehicle Routing Problem with Time Windows for Retail Distribution of Fuel Oils</i>
05/2019 - 07/2019	Research Intern <i>Broadband Wireless and Sensor Research Lab (BWise), AIT</i> Research Focus: <i>Software Defined Radios</i>

TEACHING

TUTOR:	Accountable AI Through the Lens of Causality Seminar, Saarland University, SS 2023 Causal Inference for Decision Making Lightning Tutorial, MPI-SWS, Jan 2024
GRADUATE TEACHING ASSISTANT:	Generative AI Advanced Course, Saarland University, WS 2024 Multi-Agent Reinforcement Learning Seminar, Saarland University, WS 2020
UNDERGRADUATE TEACHING ASSISTANT:	Algorithmic Data Science Graduate course, NTUA, SS 2019, Algorithms and Complexity Undergraduate course, NTUA, WS 2018

SERVICE

REVIEWER:	ICLR 2025, AISTATS 2024/25, ICRA 2025, NeurIPS 2024 (Top Reviewer) ICML 2024, JMLR 2023
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CODING SKILLS

PROGRAMMING LANGUAGES:	Python, C
MACHINE LEARNING:	PyTorch, Numpy, Pandas

VOLUNTEERING EXPERIENCE

09/2017 - 08/2018	<u>Corporate Relations Coordinator</u> Local Board of European Students of Technology (BEST) Group Athens <ul style="list-style-type: none">• <i>Coordinating the fundraising team of LBG Athens</i>• <i>Being member of the local board</i>
11/2016 - 05/2017	<u>Topic Responsible</u> European BEST Engineering Competition (EBEC) Greece 2017 <ul style="list-style-type: none">• <i>Designing the tasks of the Greek National Round of EBEC</i>• 1st place EBEC Task Award in the category of Case Study (task)• 3rd place EBEC Task Award in the category of Team Design (task)• <i>Golden Cogwheel Award for competition quality</i>

LANGUAGES

GREEK:	Native
ENGLISH:	Proficiency C2 Level Certification, University of Michigan
GERMAN:	Intermediate B1 Level Certification, Goethe Institut