

Curriculum Vitae

Stelios Triantafyllou

PERSONAL DATA

PLACE AND DATE OF BIRTH: Athens, Greece | 19.12.1995
WORK ADDRESS: Campus E1 5, Saarbrücken, Germany
CONTACT: strianta@mpi-sws.org
WEBSITE: stelios30.github.io

HIGHER 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: 09/2025

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, D. Mandal, G. Radanovic. Agent-Specific Effects: A Causal Effect Propagation Analysis in Multi-Agent MDPs. In Proc. of the 41st International Conference on Machine Learning (ICML'24), 2024 (to appear)
- Ben Rank, S. Triantafyllou, D. Mandal, G. Radanovic. Performative Reinforcement Learning in Gradually Shifting Environments. In Proc. of the 40th Conference on Uncertainty in Artificial Intelligence (UAI'24), 2024 (to appear)
- S. Triantafyllou, G. Radanovic. Towards Computationally Efficient Responsibility Attribution in Decentralized Partially Observable MDPs. In Proc. of the 22nd International Conference on Autonomous Agents and Multiagent Systems (AAMAS'23), 2023
- S. Triantafyllou. Forward-Looking and Backward-Looking Responsibility Attribution in Multi-Agent Sequential Decision Making. In Proc. of the 22nd International Conference on Autonomous Agents and Multiagent Systems (AAMAS'23), Doctoral Consortium, 2023
- D. Mandal, S. Triantafyllou, G. Radanovic. Performative Reinforcement Learning. In Proc. of the 40th International Conference on Machine Learning (ICML'23), 2023
- S. Triantafyllou, A. Singla, G. Radanovic. Actual Causality and Responsibility Attribution in Decentralized Partially Observable Markov Decision Processes. In Proc. of the 5th AAAI/ACM Conference on AI, Ethics, and Society (AIES'22), 2022
- S. Triantafyllou, A. Singla, G. Radanovic. On Blame Attribution for Accountable Multi-Agent Sequential Decision Making. In Proc. of the 35th Conference on Neural Information Processing Systems (NeurIPS'21), 2021

WORK EXPERIENCE IN CS

12/2019 - 08/2020	<u>Programmer/Analyst</u> <i>Hellenic Republic Ministry of Defence</i> As part of my (compulsory) military service in the Hellenic Air Force
02/2020 - 05/2020	<u>Research Group Member</u> <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	<u>Research Intern</u> <i>Broadband Wireless and Sensor Research Lab (BWise), AIT</i> Research Focus: <i>Software Defined Radios</i>

TEACHING

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

SELECTED SEMINARS

06/08/2019 - 11/08/2019	<i>The Cornell, Maryland, Max Planck Pre-doctoral Research School 2019</i>
11/12/2018 - 16/01/2019	<i>Optimization and Machine Learning Seminar (CoReLab NTUA, Greece)</i>
02/07/2018 - 12/07/2018	<i>Summer Course on Computational Cryptography and Digital Security (KU Leuven, Belgium)</i>

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>
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11/2016 - 05/2017	<p><u>Topic Responsible</u></p> <p>European BEST Engineering Competition (EBEC) Greece 2017</p> <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>
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LANGUAGES

GREEK: Native

ENGLISH: Proficiency C2 Level Certification, University of Michigan

GERMAN: Intermediate B1 Level Certification, Goethe Institut