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
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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: 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

Conference papers and Preprints

- **S. Triantafyllou**, A. Sukovic, Y. Zolfimoselo, G. Radanovic. Counterfactual Effect Decomposition in Multi-Agent Sequential Decision Making. arXiv:2410.12539, 2024

- **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

- 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

- **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

Workshop papers

- **S. Triantafyllou**, A. Sukovic, Y. Zolfimoselo, G. Radanovic. Counterfactual Effect Decomposition in Multi-Agent Sequential Decision Making. 9th Causal Inference Workshop at UAI, 2024

WORK EXPERIENCE IN CS

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

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

SELECTED SEMINARS

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

Coding Skills

Programming Languages:	Python, C
Machine Learning:	PyTorch, Numpy, Pandas

Volunteering Experience

09/2017 - 08/2018 | Corporate Relations Coordinator
Local Board of European Students of Technology (BEST) Group Athens

- *Coordinating the fundraising team of LBG Athens*
- *Being member of the local board*

11/2016 - 05/2017 | Topic Responsible
European BEST Engineering Competition (EBEC) Greece 2017

- *Designing the tasks of the Greek National Round of EBEC*
- **1st place** *EBEC Task Award in the category of Case Study* (task)
- **3rd place** *EBEC Task Award in the category of Team Design* (task)
- *Golden Cogwheel Award for competition quality*

Languages

Greek:	Native
English:	Proficiency C2 Level Certification, University of Michigan
German:	Intermediate B1 Level Certification, Goethe Institut