

Oliviero Nardi

Ph.D. Candidate

Education

- 2022 – Present
April **Ph.D. Candidate (MSCA)**, *TU Wien*, Austria.
Supervisor: Stefan Woltran
Programme: LogiCS@TUWien
Area: Logical methods in Computer Science
Funding: Co-funded by the European Union as part of the Marie Skłodowska-Curie Actions (MSCA).
- 2019 – 2021
September July **Master's Degree in Artificial Intelligence**, *University of Amsterdam*, The Netherlands.
Thesis title: A Graph-Based Algorithm for the Automated Justification of Collective Decisions
Supervisors: Arthur Boixel and Ulle Endriss
Final evaluation: Graduated *Cum Laude*
GPA: 9.3/10
Selected coursework: Computational Social Choice, Game Theory, Knowledge Representation and Reasoning, Machine Learning, Reinforcement Learning, Evolutionary Computing
- 2016 – 2019
September July **Bachelor's Degree in Computer Science**, *University of Verona*, Italy.
Thesis title: Control of a Robotic Arm through Reinforcement Learning
Supervisor: Alessandro Farinelli
Final evaluation: 110/110 *Cum Laude*
GPA: 29.9/30
Selected coursework: Logic, Foundations of Computing, Algorithms and Data Structures, Databases, Programming Languages, Compilers, Linear Algebra, Calculus
- 2011 – 2016
September July **High School Diploma in Scientific and Technological Studies**, “*L. Da Vinci*” *High School*, Italy.
Final evaluation: 97/100

Work experience

2022 – 2022
October November

Teaching Assistant in Formal Methods in Computer Science, TU Wien, Austria.

Duties: Preparing and grading homework

2021 – 2022
September February

Research Assistant at the Computational Social Choice Group, *Institute for Logic, Language and Computation (ILLC)*, University of Amsterdam, The Netherlands.

Duties: Writing scientific papers, developing software for research purposes

2020 – 2021
October January

Teaching Assistant in Natural Language Processing, *University of Amsterdam*, The Netherlands.

Duties: Giving tutorials, assisting students, grading homework

Awards

2022 **UvA Thesis Prize 2022**: University-wide winner ([link](#))

Publications

Oliviero Nardi, Arthur Boixel, and Ulle Endriss. A Graph-Based Algorithm for the Automated Justification of Collective Decisions. In *Proceedings of the 21st International Conference on Autonomous Agents and Multiagent Systems (AAMAS-2022)*. IFAAMAS, May 2022.

Arthur Boixel, Ulle Endriss, and Oliviero Nardi. Displaying Justifications for Collective Decisions. In *Proceedings of the 31st International Joint Conference on Artificial Intelligence (IJCAI-2022)*, July 2022. Demo Paper.

Oliviero Nardi. A Graph-Based Algorithm for the Automated Justification of Collective Decisions. Master's thesis, University of Amsterdam, ILLC, July 2021. Winner of the UvA Thesis Award 2022.

Language Skills

Italian **Native speaker**

English **Fluent speaker**

Computer skills

Programming Languages

Fluent Python, Java, C, MATLAB

Intermediate Haskell, Prolog, Scheme, JavaScript

Other

L^AT_EX, HTML, CSS, Flask, Answer Set Programming, SQL, Bash scripting, Scientific Python libraries (Numpy, Pytorch, Pandas, Nltk)

Other courses

Winter 2015 **Algorithms and Problem Solving**, *University of Verona*, Italy.

Part of the “Tandem Project” with the University of Verona and “L. Da Vinci” high school. Final grade: 30/30 *Cum Laude*.

Winter 2014 **Algorithms and Coding**, *University of Verona*, Italy.

Part of the “Tandem Project” with the University of Verona and “L. Da Vinci” high school. Final grade: 30/30 *Cum Laude*.