

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: Knowledge Representation and Reasoning, Computational Social Choice, Game Theory, 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: Foundations of Computing, Algorithms and Data Structures, Logic, Compilers, Databases, Programming Languages, 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

Würtgasse 4A/7 – 1190 Wien

✉ oliviero.nardi@tuwien.ac.at •  [olinarr.github.io](https://github.com/olinarr)

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Work experience

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. Best Thesis award.

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*.

Interests

- Classical guitar
- Cinema
- Poetry