

# Oliviero Nardi

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*Ph.D. Candidate*

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## 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

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## Work experience

2022 – 2023  
December January

**Teaching Assistant in the Seminar for Bachelor's Degree in Informatics, TU Wien, Austria.**

**Duties:** Grading seminar theses

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

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## Awards

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

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## Language Skills

Italian **Native speaker**  
English **Fluent speaker**

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## Computer skills

### Programming Languages

Fluent Python, Java, C, MATLAB  
Intermediate Haskell, Prolog, Scheme, JavaScript

### Other

L<sup>A</sup>T<sub>E</sub>X, HTML, CSS, Flask, Answer Set Programming, SQL, Bash scripting, Scientific Python libraries (Numpy, Pytorch, Pandas, Nltk)

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## 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*.

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## Publications

Martin Lackner, Jan Maly, and Oliviero Nardi. Free-Riding in Multi-Issue Decisions. In *Proceedings of the 22nd International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2023)*. IFAAMAS, May 2023. To appear.

Michele Ambrosi, Francesco Beltramini, Federico De Meo, Oliviero Nardi, Mattia Pacchin, and Marco Rocchetto. The Etiology of Cybersecurity. In *Applied Cryptography and Network Security Workshops (ACNS Workshops 2022)*, September 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, 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.

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.