

# 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 – 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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## 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.

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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*.