

DEBORAH DORE

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PhD student in Computer Science specializing in Natural Language Processing (NLP), with a focus on Argument Mining in political debates. Passionate about AI-driven text analysis, with experience in research, teaching, and software development.

Languages: Italian (native), English (advanced - C1), French (Intermediate - B2).

Education

PhD in Computer Science

present

Mining Arguments Over Time

Research Group: MARIANNE

Université Côte d'Azur, CNRS, INRIA, I3S, France

Master's in Computer Science

May 2024

Leveraging Structural Knowledge for Argument Mining in Political Debates

110/110 Cum Laude

Research Group: IIM & WIMMICS

Sapienza Università di Roma, Italy

Bachelor's in Computer Science

April 2021

Development of a RESTful application for access control during COVID-19

110/110

Università degli Studi di Torino, Italy

Experience

Research Internship

Sep 2023 - Feb 2024

Centre National de la Recherche Scientifique

Sophia-Antipolis, France

◦ Improved argument relation classification in political debates.

◦ Combined structural and contextual knowledge to enhance SOTA models.

Junior Software Engineer

Sep 2020 - Aug 2021

Certimeter Group (now Lutech)

Turin, Italy

◦ Developed microservices using Spring Boot and Docker

◦ Designed a complete full-stack application using ReactJS

◦ Implemented Kafka-based streaming pipelines for real-time data ingestion

Publications

Repairing fallacious argumentation in political debates

Sep 2025

Pierpaolo Goffredo, *Deborah Dore*, Elena Cabrio, Serena Villata

ECA 2025

DISPUTool 3.0: Fallacy Detection and Repairing in Argumentative Political Debates

Aug 2025

Pierpaolo Goffredo, *Deborah Dore*, Elena Cabrio, Serena Villata

ACL 2025 System Demonstration

Leveraging graph structural knowledge to improve argument relation prediction in political debates

Jul 2025

Deborah Dore, Stefano Faralli, Serena Villata

ACL 2025 Argument Mining Workshop

Teaching	○ <i>Data Analysis and Visualization</i> , Centrale Méditerranée (A.Y. 2024 - 2025)	
	○ <i>Traitement du Langage Naturel</i> , Université Côte d'Azur, M2 MIAGE (A.Y. 2024 - 2025)	
	○ <i>Traitement du Langage Naturel</i> , Université Côte d'Azur, L3 IA (A.Y. 2024 - 2025)	
	○ <i>Neural Networks and Backpropagation</i> , Université Côte d'Azur, M1 Info (A.Y. 2024 - 2025)	
Scholarships	○ Master's Thesis Abroad, Sapienza Università di Roma (09/2023 - 02/2024)	
	○ Student Collaboration Scholarship, Sapienza Università di Roma (May 2023 - Aug 2023)	
	○ Erasmus+ Program, Universidade do Porto (Sep 2022 - Feb 2023)	
	○ Erasmus+ Program, Universitatea Tehnică din Cluj-Napoca (Sep 2019 - Feb 2020)	
Volunteering	Student Representative	2020 - 2021
	Fondazione Collegio Universitario Einaudi	Turin, Italy
	Conference Volunteer	Nov 27, 2023
	<i>Journée Natural Language Argumentation</i> , Université Côte d'Azur	Nice, France
Skills	<i>Programming</i> : Python, Java, C, R, JavaScript, SQL	
	<i>Frameworks</i> : Spring, ReactJS, PyTorch, TensorFlow, PySpark	
	<i>Deployment</i> : Docker, AWS, Apache Kafka	
	<i>Documentation</i> : LaTeX, Markdown	
	<i>Certifications</i> : AWS Academy Cloud Foundations	