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**	**2024 - present**

Mining Arguments Over Time
Research Group: MARIANNE
Université Côte d'Azur, CNRS, INRIA, I3S, Nice, 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**   **Sept 2023 - Feb 2024**
CNRS, INRIA, Univ. Côte d'Azur   Nice, France
- Improved argument relation classification in political debates.
- Combined structural and contextual knowledge to enhance SOTA models.
- Supervisors: HDR Serena Villata, Prof. Stefano Faralli.

Junior Software Engineer   **Jan 2021 - Aug 2021**
Certimeter Group (now Lutech)   Turin, Italy
- Developed back-end applications using Spring Framework.
- Set up stream-processing libraries like Kafka.

Software Engineer Intern   **Sept 2020 - Jan 2021**
Certimeter Group (now Lutech)   Turin, Italy
- Designed a full-stack application for access control.
- Extensive use Spring Boot, Docker, and microservices architecture.

Teaching   - *Data Analysis and Visualization*, Centrale Méditerranée (A.Y. 2024 - 2025)
- *Traitement du Langage Naturel*, Université Côte d'Azur, M2 MIAGE (A.Y. 2024 - 2025)
- *Traitement du Langage Naturel*, Université Côte d'Azur, L3 IA (A.Y. 2024 - 2025)
- *Neural Networks and Backpropagation*, Université Côte d'Azur, M1 Info (A.Y. 2024 - 2025)

Scholarships   - Master's Thesis Abroad, Sapienza Università di Roma (A.Y. 2023 - 2024).
- Student Collaboration Scholarship, Sapienza Università di Roma (A.Y. 2023 - 2024).
- Erasmus+ Program, Universidade do Porto (A.Y. 2022 - 2023).
- Erasmus+ Program, Universitatea Tehnică din Cluj-Napoca (A.Y. 2019 - 2020).

Volunteering

Student Representative   **2020 - 2021**
Fondazione Collegio Universitario Einaudi, Turin, Italy
- Advocated student concerns with administration.

Conference Volunteer   **Nov 27, 2023**
Université Côte d'Azur, Nice, France
- Assisted at Journée Natural Language Argumentation, a scientific day on the theme of *Argumentation in Natural Language: Extraction, Generation and Reasoning.*

Skills

Programming: Python, Java, C, R, JavaScript, SQL
Frameworks: Spring, ReactJS, PyTorch, TensorFlow, PySpark
Deployment: Docker, AWS, Apache Kafka
Documentation: LaTeX, Markdown
Certifications: AWS Academy Cloud Foundations