

Alessandro Dell'Orto

Delft, South Holland, The Netherlands • a.dellorto.work@outlook.com • [portfolio](#) • [GitHub](#) • [LinkedIn](#) • [Scholar](#)

Education

Delft University of Technology

MSc Engineering and Policy Analysis. GPA: 8.04/10

Bayesian Machine Learning, Decision-Making under Deep Uncertainty

Delft, NL

Sep 2024 - Present

Politecnico di Milano

BSc Electronics Engineering. Final grade: 107/110

Linear Algebra, Integral transforms, EM fields, microcontrollers

Erasmus+ semester @ Universidad Politecnica de Madrid

Milan, IT

Sep 2021 - Jul 2024

Experience

THE HAGUE CENTRE FOR STRATEGIC STUDIES (HCSS)

Assistant Analyst @ HCSS Datalab

The Hague, NL

Jul 2025 – Aug 2026

- Co-authored GENOME, an LLM-based methodology and dataset for extracting cooperative and conflictual geopolitical events from newswire sources.
- Built APIs, automated data pipelines, and technical documentation for GENOME; contributed to three research publications and policy and methodological outputs.
- Refactored 10+ analytical dashboards, migrating from Streamlit to React and FastAPI, securing backends, and automating external data updates.

DELFT UNIVERSITY OF TECHNOLOGY

Research Assistant

Delft, NL

Jun 2026 - Present

- Contributing to academic research on decentral flexibility solutions for electricity markets
- Collecting and evaluating solution designs and defining an analytical framework to assess past and current projects.

Publications

Alessandro Dell'Orto and Jesse Kommandeur. 2026. GENOME: A New Geopolitical Event Methodology and Dataset using Large Language Models. In Proceedings of the 9th Workshop on Event Extraction and Understanding: Challenges and Applications (EEUCA 2026), pages 83–95, San Diego, California, USA. Association for Computational Linguistics. (Honourable Mention)

Awards & Projects

MyLLENNIUM AWARD 2026

July 2026

Prize for best journalistic reportage on the topic of AI & Society. The article, written with journalist Gloria Pessina, focuses on the fitness of current Italian public judiciary databases for innovative AI legal-tech tools and will be published on Linkiesta in October 2026.

NORMATTIVA MCP

Developed and published an open-source TypeScript MCP server connecting LLMs to Italy's official legal database. Listed in the [italia-mcp-servers](#) directory.

Skills & Interests

Research: NLP and LLMs, event extraction, Bayesian machine learning, uncertainty quantification

Programming: Python, SQL, C++, MATLAB, HDL

Technologies: PyTorch, FastAPI, React, PostgreSQL, Docker, GitHub Actions

Languages: Italian (native) · English (C2, IELTS 8.0) · Spanish (B2)