




DINO DI EMIDIO



DATA SCIENTIST & PMO

Data Scientist with 3+ years of applied experience (5+ years Python), integrating Social Sciences with Artificial Intelligence. I design and implement Machine Learning solutions (Generative and Predictive AI) to generate a measurable and ethical impact for organizations and society.

CONTACT DETAILS

 LinkedIn Profile
 GitHub Profile
 diemidiodino@gmail.com

LANGUAGES

Italian: Native, English: B2 Fluent
French: Basic Proficiency

MAIN TECH SKILLS

- **Programming & Core Libraries:** Expert in **Python, R, SQL**; Key libraries: *Pandas, scikit-learn, TensorFlow*.
- **AI/ML Development:** Advanced techniques including **Fine-tuning, RAG, LLMs**
- **Platforms & Cloud:** Microsoft Azure, AWS; Project Management (*JIRA, Trello*); Version Control (*GitHub*).
- **Data Visualization:** Proficient with *Tableau, Power BI, Excel*.

CERTIFICATIONS & COURSES

- **AI Development (Generative & Predictive):** Expertise validated by *Prompt Engineering (Harvard)*, *Introduction to Generative AI (Google)*, *Claude in Amazon Bedrock (Anthropic)*, and *AI Agents Fundamentals (Hugging Face)*.
- **Project Governance & Ethics:** Foundational skills in *Introductory Level Project Management (IPMA)*, complemented by critical training in *AI and Human Rights (UE)*.
- **Technical Readiness:** Solid knowledge of core platforms confirmed by *AZ-900 Cloud (Microsoft)*, *Innovating with Google Cloud AI*, and *Fundamentals of MCP (Hugging Face)*.

PROFESSIONAL EXPERIENCE

DATA SCIENTIST & PMO

2025–Present

Designing predictive AI machine learning algorithms and developing generative AI solutions to build compact and resilient infrastructures, while overseeing projects for leading automotive players in close collaboration with Project Managers within business project/opportunity.

DATA SCIENTIST & PMO INTERN – IVECO GROUP

2025

Contributed to the Technology & Digital IT Department by integrating AI solutions, managing Azure infrastructure, and enhancing data visualization with Power BI. Improved chatbot performance through vector database analysis and system prompt tuning, and developed JSON-based Gantt templates to support digital transformation. Developed solutions in Python such as customized Gantt charts using Matplotlib. Strengthened key soft skills (communication, problem-solving, adaptability) working in a cross-functional team.

AI TRAINER – OUTLIER

2024

Worked on reinforcement learning tasks, with a focus on sociology and coding.

DATA SCIENTIST & AI ENGINEER (SELF-EMPLOYED) – GAMEFORGE

2023–2024

As a self-employed consultant, I contributed to a study on player behavior in a well-known MMORPG. Worked in a three-member group focused on data analysis and trend forecasting. Developed a chatbot leveraging advanced RAG techniques to enhance access to in-game documentation.

DATA SCIENTIST – ICOMIC-ISWEB S.P.A EU PROJECT

2023

Implemented robust and automated preprocessing pipelines, focusing on cleaning and normalization of raw online text data specifically containing misogynistic content (hate speech), ensuring an optimal format for subsequent model training.

DATA SCIENTIST INTERN – CSS LABORATORY, CSRLAB

2022

Designed and optimized machine learning models (TensorFlow, scikit-learn, Python, R) to analyze online misogyny. Managed complex datasets and implemented preprocessing pipelines for research projects.

DATA SCIENTIST INTERN – POLICE HEADQUARTER

2020

Supported institutional research on vulnerable populations, collaborating directly with law enforcement officers. Contributed to the analysis of complex data and to the final reporting on critical social issues such as bullying and deviance.

EDUCATION

II LEVEL MASTER'S DEGREE IN ARTIFICIAL INTELLIGENCE & MANAGEMENT 2024–2025

Politecnico di Torino – 110L and honors

Interdisciplinary program focused on AI, machine learning, data governance, and ethical implications of technology in management and society. Gained practical skills in computer vision, deep learning, natural language processing (NLP), and the development of predictive models using Python.

HARVARD UNIVERSITY – PROFESSIONAL CERTIFICATE IN DATA SCIENCE AND PROMPT ENGINEERING 2024–2025

Harvard Online / edX

Comprehensive program exploring how humans will use Artificial Intelligence in the future. Focused on prompt design, generative AI systems, and data-driven decision making through applied case studies and interactive projects.

BACHELOR'S DEGREE IN SOCIAL SCIENCES AND MASTER'S DEGREE IN SOCIAL DATA SCIENCE (3+2) 2018–2024

University G. D'Annunzio – 110L and honors

awarded publication merit for a dissertation on Predictive Justice. Specialized in quantitative and qualitative methodologies for social data analysis. Completed 60 ECTS credits in statistical disciplines, including inferential statistics.

HIGH SCHOOL DIPLOMA IN ECONOMICS AND IT

2013–2018

Teramo Technical Institute

Focused on programming, accounting, and applied IT in business contexts.

