

DANIEL NAMAKI

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work experience

JAN 2025 - PRESENT

AI Engineer, *Etic S.r.l.*, Remote

I design and implement AI solutions for both education and business contexts. My work spans the entire AI pipeline—from data processing to model deployment—ensuring seamless integration and scalable inference in production environments. I also contribute to project management and innovation, aligning AI technologies with strategic goals to deliver efficient, scalable, and adaptable solutions.

MAR 2023 - PRESENT

Chief Technology Officer, *Vision Studio S.r.l.*, Remote

Leading the design and development of Vision Studio's Web3-based ecosystem for digital art and NFTs. Key responsibilities: architected an ecosystem integrating web3 wallets and NFT management, developed applications using Angular, Ionic, Node.js, Express, MongoDB (infrastructure: Heroku, AWS S3, MongoDB Atlas) and deployed app to stores. Defined the technical roadmap of the company and managed relationships with suppliers

JUN 2024 - DEC 2024

Software Engineer, *Millennium S.p.A.*, Remote

Responsibilities include the development, testing, and deployment of a COM component using C# (.NET 8.0). This involves migrating a core library from .NET Framework (4.8) to .NET (8.0) and developing, testing, and deploying a gRPC bidirectional streaming service for file transfer. Tech Stack:

- Languages & Frameworks: C#, .NET 8.0, gRPC, COM Interoperability
- Infrastructure: Docker, Azure
- Database: PostgreSQL

OCT 2023 - JUN 2024

High School Professor, *Ministero dell'Istruzione e del Merito*, Florence, Italy

Taught 70+ students in courses such as Project Management and Business Organization, IT Systems Design, and Networking. Designed lesson plans to foster practical understanding of technology concepts, encouraging collaborative learning and critical thinking. Evaluated student performance and provided tailored feedback to support academic growth.

JUN 2022 - JUN 2023

Full Stack Developer, *Self-Employed*, Remote

- Front-End development of a Web3 project [ReactJS - EthersJS - Ethereum Blockchain]
- Full-Stack development of an order management platform within restaurant contexts [ReactJS - Node - Express - MongoDB]

education

SEP 2023 - PRESENT

MSc in Artificial Intelligence and Data Engineering, *University of Pisa*

Relevant coursework:

Data Mining and Machine Learning, Computational Intelligence and Deep Learning, Multimedia Information Retrieval and Computer Vision, Large Scale and Multistructured Databases, Cloud Computing, Process Mining and Intelligence, Symbolic and Evolutionary Artificial Intelligence, Optimization Methods and Game Theory, Business and Project Management, Internet of Things, Mobile and Social Sensing Systems, Startup and Multidisciplinarity

APR 2025 - JUN 2025

Postgraduate Visiting Researcher, *Computing Science, University of Glasgow*

Research visit to complete the master's thesis project. Focused on advanced topics in Information Retrieval (IR), Large Language Models (LLMs) and Retrieval Augmented Generation (RAG) systems, exploring innovative techniques to enhance relevance, diversity, and efficiency in LLM-based retrieval pipelines.

SEP 2020 - SEP 2023

BSc in Computer Engineering, *University of Pisa*, 109/110

Bachelor Thesis: "Development of a recruitment module for drones swarms on an open-source autopilot platform" <https://github.com/NamaWho/stigmergy-drone-swarms>

SEP 2015 - JUL 2020

I.T. Diploma, *ITIS Antonio Meucci, Florence*, 100/100

publications

Namaki Ghaneh Daniel, Respino Emanuele, Saggini Gianmaria, Settimelli Niccolò, Palmieri Maurizio, Vecchio Alessio, **Detecting and Locating Stress in Urban Settings with ChillIn**, In *8th EAI International Conference on Intelligent Transport Systems (EAI INTSYS 2024)*, 2024

projects

Hotel booking cancellation prediction using machine learning techniques, [GitHub Repository](#)

IDIOT: An InDustrial IoT network for predictive maintenance, [GitHub Repository](#)

Detecting and Locating Stress in Urban Settings with ChillIn, [GitHub Repository](#)

Recruitment algorithm for drone swarms based on Stigmergy (bio-inspired behavior), [GitHub Repository](#)

languages

Native speaker

Professional working proficiency

courses

Blockchain Intensive, *Blockchain Week Rome 2019*, Rome

National High School Model United Nations, *New York City US*

hobbies

Musician in a cultural association

Youth group animator

Black belt in karate

MACHINE LEARNING
INTERNET OF THINGS
SOCIAL SENSORS
DRONE SWARMS

ITALIAN
ENGLISH

JUN 2019
NOV 2018 - MAR 2019