

Francesco Andrea Causio

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Education

Master of Computer and Information Technology (MCIT), University of Pennsylvania, Philadelphia August 2025 – May 2027

- Strategic Research at Wharton Artificial General Intelligence Collective(WAGIC). Venture Incubation Program at Penn Venture Lab. Finalist at Claude Builder Club Hackathon.
- Penn's Widjaja Engineering Entrepreneurship Fellow: selected among 50+ applicants for a work-study program in technology venture leadership.

Master's in Epidemiology and Biostatistics, UCSC, Rome (30/30 with honors) January 2023 – Oct 2023

Doctor of Medicine (M.D.), UCSC, Rome (110/110 with honors) September 2013 – July 2019

Work Experience

Tech Consultant, Fondazione ENI Enrico Mattei, Rome March 2025 - July 2025

- Designed and integrated a Python-powered RAG chatbot into an existing health app to improve adherence to healthy lifestyles. First pilot: 95% increase in user comprehension and a 70% favorable user opinion rating.

Researcher, Brand-New Health Foundation, Rome March 2023 – July 2025

- Wrote a report for WHO identifying 68 cases of telemedicine and home-based remote patient monitoring.

External Consultant - Product Management, IBM (Remote) November 2021 – Feb 2022

- Enhanced product use cases for a remote patient monitoring app by 50% for detail and accuracy, which contributed to delivering the project 15% ahead of schedule.

Medical Residency in Preventive Medicine and Hygiene, Università Cattolica del Sacro Cuore (UCSC), Rome (Italy) January 2021 – Jan 2025

Medical Doctor, Several Employers (Rome/Bari, Italy) August 2019 – Jul 2025

- Worked as a medical doctor during the COVID-19 pandemic, then general surgery and palliative care.

Leadership and Activities

Founder & Vice-President, Italian Society for Artificial Intelligence in Medicine (SIIAM), Rome (Italy) September 2023 – July 2025

- Scaled Society to 500+ members; **raised €30,000** for projects
- **Research Contributions:** Published a **machine-learning algorithm** to predict disease in bladder cancer patients (300+ patients), was awarded the 2025 Early-Career **Researcher Award** by Journal of Medical Informatics. **Open-sourced EuropeMedQA** - largest European multilingual medical QA dataset for LLM benchmarking. Accepted as oral presentation at EurIPS 2025.

Head of Buddy Program, UCSC, Rome (Italy). Started the "Buddy Program". Oversaw a group of 5 mentoring residents, personally mentoring 3 junior residents and 5 medical students over two years.

Prizes: Received seven scholarships for excellence in studies or research prizes.

Personal Projects

TetaCare | Founder April 2024 – January 2025

- Architected an AI-driven well-being tracker; built an RAG library to generate patient action recommendations.
- Drove pilot launch to 500+ daily interactions; won 2nd place among 50 startups.

Curiosa COVID-19 Chatbot | Founder March 2020 – Dec 2020

- Used Python to design and deploy a chatbot serving 100+ users for accessing verified information during the COVID-19 pandemic.