



Anna Chiara Mameli

ABOUT MYSELF

I am a Computer Science graduate from the University of Cagliari with a deep passion for artificial intelligence, particularly in its applications to medicine and cancer prevention. Programming has been a part of my life for the past eight years, allowing me to develop strong skills in software development and database management.

During my studies, I worked on an AIoT project at the University of Cagliari focused on detecting near-falls using wearable devices. This experience strengthened my knowledge of artificial intelligence and IoT technologies.

Now that I have completed my degree, I am eager to gain professional experience while continuing to deepen my expertise in artificial intelligence. My goal is to apply my skills in innovative projects and further my studies in this field.

WORK EXPERIENCE

Università degli Studi di Cagliari – Cagliari, Italy

City: Cagliari | Country: Italy

Research assistant in university

[19/03/2025 – 19/11/2025]

Conducted research on an AIoT-based system to enhance workplace safety by detecting near-miss fall events through sensor data analysis and machine learning models.

Università degli Studi di Cagliari – Cagliari, Italy

City: Cagliari | Country: Italy

AIoT Traineeship

[26/08/2024 – 27/11/2024]

- Artificial Intelligence models analysis
- Python coding for microcontrollers
- Near-Miss Falls data capturing and analysis

Self-Employed – Cagliari, Italy

City: Cagliari | Country: Italy

Private lessons

[03/2022 – 03/2024]

Provided private lessons in:

- Coding (C, C++, C#, Java, MySQL)
- Theory of databases and big data
- Web development (HTML, PHP)

EDUCATION AND TRAINING

Master's Student in Computer Science

Università degli Studi di Cagliari [29/09/2025 – Current]

City: Cagliari | Country: Italy | Website: <http://www.unica.it/it> | Field(s) of study: Information and Communication Technologies (ICTs)

Bachelor's Degree in Computer Science

Università degli Studi di Cagliari [10/2021 – 26/02/2025]

City: Cagliari | Country: Italy | Website: <http://www.unica.it/it> | Field(s) of study: Information and Communication Technologies (ICTs) | Final grade: 110/110 | Thesis: AIoT Detection of Near-Miss Falls Events for Real-Time Safety Monitoring

Robotic Arms License

COMAU [10/2020 – 02/2021]

City: Cagliari | Country: Italy | Website: <https://www.comau.com/it/>

Industrial expert and IT specialization technician

I.T.I.S. D. Scano [09/2016 – 06/2021]

City: Cagliari | Country: Italy | Website: <https://www.iisdionigiscano.edu.it> | Field(s) of study: Information and Communication Technologies (ICTs) | Final grade: 100/100

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

SKILLS

Social Media / Microsoft Office / Google drive/ gmail / Coding and Analytical Skill / Web Design & Web Development / operating systems / Design and management of a relational Database / Managing Databases (MySQL) / Good programming skills (C, Python, Java, C++)