

Arsam Ezzati

Messina, Italy | +39 3716127478 | arsamezzati99@gmail.com
[linkedin.com/in/arsamezzati](https://www.linkedin.com/in/arsamezzati) | github.com/arsamezzati | arsamezzati.com

PROFESSIONAL SUMMARY

Data Analysis undergraduate with six months of full-stack internship experience and freelance web development. Built and deployed ORE Q Bank, a live exam-preparation platform, using Next.js, React, TypeScript, and multiple databases. Seeking an entry-level role in software engineering or machine learning.

EXPERIENCE

Full-Stack Developer Intern — University of Messina Feb 2026 – Jul 2026

Supervised by Prof. Armando Ruggeri

- Built and deployed the initial ORE question-bank platform with password hashing, secure session cookies, role-based access controls, and rate limiting.
- Designed and automated scheduled onsite and offsite backups to support recovery after server failure.

Technologies: Next.js, React, TypeScript, Tailwind CSS, MySQL, MongoDB, Redis, Docker, Linux

Freelance Web Developer — KARAN (music artist) Jul 2025

karanismynname.com

- Built and launched a responsive artist website with music previews, videos, beats, and events.
- Created an admin dashboard so the client can manage site content independently without editing code.

Technologies: Next.js, React, TypeScript, Tailwind CSS

TECHNICAL SKILLS

Programming: Python, JavaScript, TypeScript, Java, C, C#, SQL

Web Development: Next.js, React, Node.js, Express, Flask, Electron, Tailwind CSS, HTML, CSS, REST APIs

Databases: MySQL, MongoDB, Redis, PostgreSQL, Neo4j, SQLite

Data and ML: Pandas, NumPy, scikit-learn, Streamlit, regression, classification, model evaluation

Security and Operations: Authentication, authorization, rate limiting, automated testing, Linux, Docker, Git, GitHub Actions, automated backup and recovery

SELECTED PROJECTS

ORE Q Bank — Continued Development 2026 – Present

oreqbank.com

- Extended the live platform with filtered quizzes, timed exams, explanations, and progress tracking.
- Added account recovery, email changes, transactional email, and admin tools for questions and user reports.
- Integrated Stripe sandbox subscriptions, verified webhooks, and customer-portal management.

Technologies: Next.js, React, TypeScript, MySQL, MongoDB, Redis, Docker, GitHub Actions

FastSim Desktop App — Personal Project Sep 2026

- Built a local simulation app with quick runs, gear and talent comparisons, and result history.
- Added a searchable hypothetical-gear picker, progress and cancellation controls, and locally stored reports; no account or cloud queue required.

Technologies: Electron, React, TypeScript, Node.js, SQLite

Tourism Demand Analysis and Forecasting May 2024

Hack4Tourism hackathon finalist

- Cleaned and joined ISTAT tourism and Meteostat weather data for predictive modeling.
- Compared Logistic Regression, SVM, and Decision Tree classifiers; the tuned Decision Tree achieved 88% test accuracy, 0.87 F1, 0.951 ROC-AUC, and approximately 85% mean cross-validation accuracy.

Technologies: Python, Pandas, NumPy, scikit-learn

EDUCATION

B.Sc in Data Analysis — University of Messina Expected 2027

Relevant coursework: Software Engineering, Algorithms, Databases, Machine Learning, Data Mining, Networks, Security, Operating Systems and Virtualization

LANGUAGES

Persian: Native | **English:** C1 | **Italian:** A2