GIUSEPPE BELLAMACINA

AI/ML ENGINEER

CONTACTS

- Catania, Italy
- +39 3496790342
- bellamacina50@gmail.com
- GitHub
- Linkedin
- Portfolio

LANGUAGES

- ●●●● Italian (Native Speaker)
- ●●●○ English (B2)

PROGRAMMING LANGUAGES

- ●●○○ C
- ●●●○ C++
- ●●○○ C#
- ●●●● Python
- ●●○○ Java
- ●●○○ JavaScript

QUERY LANGUAGES

- ●●○○ Cypher
- ●●○○ SQL

GRAPHICS SOFTWARE

- ●●●○ Blender
- ●●○○ Photoshop

GAME DEVELOPMENT

- ●●●○ Unity
- ●●●○ Unreal

EDUCATION

Master's Degree in Computer Science
Università degli Studi di Catania | 2025 - Present

Bachelor's Degree in Computer Science
Università degli Studi di Catania | 2021 - 2024
- Graduation Grade: 110 cum Laude

WORK EXPERIENCES

AI Developer
Ricca IT | September 2025 - Present
AI Research and Development:
- Design and development of advanced AI systems based on LLMs and multi-agent architectures for complex reasoning tasks
- Implementation of scalable RAG pipelines, including data ingestion, indexing, and contextual reasoning
- Architectural refactoring and integration of distributed AI modules into cohesive, production-ready systems
- Research and evaluation of emerging AI techniques to improve robustness, interpretability, and performance of intelligent systems
- End-to-end prototyping and validation of AI solutions, from experimental design to functional implementation, in close collaboration with cross-functional teams

Artificial Intelligence Engineer & Data Scientist
Intellisync | June 2024 - May 2025
AI Research and Development:
- Research and development of AI solutions based on multi-agent architectures and Large Language Models
- Design and implementation of Retrieval-Augmented Generation systems, from requirement analysis to system architecture definition
- Exploration of new application domains for AI technologies, with a focus on scalable and customized solutions

Data Science & Predictive Analytics:
- Development of functional prototypes to validate technical approaches and support decision-making
- Advanced data analysis and predictive modeling on large-scale industrial datasets (wind turbines), including anomaly detection and energy loss forecasting using machine learning and neural networks