

Giovanni Federico Poli

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github.com/GianFederico

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Work Experience

Intern - Software Developer, Alten - IT – Bari, BA June 2021 – January 2022

- I've worked on multiple active projects both back-end (C#, EntityFramework) and front-end (Angular, HTML, CSS, JSON Server) along with an automation project using Microsoft Power Automate Desktop. I was responsible for managing an internal HR-oriented tool, and working with clients on the following:
 - * implementing an applet that served as a new database;
 - * automating a list of the client's processes;

Projects

Project github.com/GianFederico?tab=repositories

- Personal Page : gianfederico.github.io;
- @food_recsys_bot [Master's thesis project]: Implementation of a recommender system within a chatbot interface for healthy recipes, focused on persuasive explanations to encourage users to adopt healthier eating habits. Accessible here on Telegram;
- Expert System : Implementation in Prolog of a small expert system to assist individuals in identifying hardware-related problems with their PC;
- Anomaly Detection : A Python comparison of novel methods for anomaly detection in the agri-food supply chain, specifically exploring Autoencoders and Self-Organizing Maps;
- Simple Security Cam : Implementation in Python of a simple security cam that records videos detecting and recognizing faces;
- Text-Adventure : Implementation in Java of a narrative-driven game that harks back to the classic era of text-based games, inspired by a D&D quest;
- CV Models Comparison : Implementation in Python of a comparison between Machine Learning and Deep Learning models to assess which one performs better for facial recognition;

Skills

Artificial Intelligence: Python, Prolog, Machine Learning, Deep Learning, OpenCV, TensorFlow, PyTorch, Pandas, NumPy, RecSys, MlFlow, DagsHub, DVC, Pytest;

Software Engineering: Python, C#, Java, SQL, git, GitHub, HTML, CSS, Angular;

Languages: Italian(Native), English (C1-University certification);

Education

University of Bari "Aldo Moro" – Master of Science in Computer Science for AI [ENG] April 2024

University of Bari "Aldo Moro" – Bachelor of Science in Computer Science [ITA] June 2021

About Me

I have just graduated at the University of Bari - CS for AI, seeking opportunities to apply knowledge and contribute to the AI field.

In my free time I enjoy traveling, PC-gaming, tabletop role-playing games(both as player and GameMaster), and working out after all "*a healthy body fosters a healthy mind*".

I love dogs and all kinds of animals.

Other Working Experiences

Driver – Volkswagen Zentrum Bari S.R.L. 2021-2022

Janitor – Convitto Nazionale "D. Cirillo" 2020-2021

Retailer – Masseria di Puglia at Artigiano in Fiera 2018-2020

Sport-Supervisor – For children at ASD Pineta Basket's summer camps 2013-2017