Giovanni Federico Poli

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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 different 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 on Telegram at t.me/food_recsys_bot;
- *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, Big Data, OpenCV, TensorFlow, PyTorch, Pandas, NumPy, RecSys, MlFlow, DagsHub, DVC, Pytest, Cassandra, Tableau;
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 - *04/11/1995*

I have just graduated at the University of Bari - CS for Artificial Intelligence, seeking opportunities to apply knowledge and contribute to the AI and Data field.
In my free time I enjoy traveling, PC-gaming, tabletop role-playing games(both as a 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