

Giovanni Federico Poli

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Work Experience

Intern - Data Analyst, Baker Hughes – Bari, BA

Sept 2024 – Feb 2025

- I am currently working as a Data Analyst, leveraging Python and Pandas to extract, clean, normalize, and validate data for business intelligence purposes. I am responsible for managing databases and developing insightful and actionable Power BI reports focused on:
 - * Active Fleet Localization;
 - * Installed Based Opportunity Identification;

Intern - Software Developer, Alten - IT – Bari, BA

June 2021 – Jan 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

Portfolio

github.com/GianFederico?tab=repositories

- *Personal Page* : gianfederico.github.io;
- *@food_recsys_bot* [Master's thesis project]: 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* : Prolog (small) expert system to assist individuals in identifying hardware-related problems with their PC;
- *Anomaly Detection* : Python comparison of novel methods for anomaly detection through computer vision in the agri-food supply chain, specifically exploring Autoencoders and Self-Organizing Maps;

Skills

Artificial Intelligence: Python, Prolog, Machine Learning, Deep Learning, Big Data, OpenCV, TensorFlow, PyTorch, Pandas, NumPy, RecSys, MlFlow, DagsHub, DVC, Pytest, Cassandra, Tableau, Power BI;

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

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