# Giovanni Federico Poli

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## Work Experience

**Data Scientist - Full Time,** OVS — Bari, BA                                         May 2025 — Currently
- Currently working as a Data Scientist

**Data Analyst - Internship,** Baker Hughes — Bari, BA                                 Sept 2024 — May 2025
- Worked as a Data Analyst in the PVS Service team, developing Python pipelines to integrate data from multiple sources and link sales orders to machine S/N, achieving 85% match on transactions.
- Built interactive Power BI dashboards used by leadership to steer sales strategy. This also was the starting point to identify installed base opportunities.

**Software Developer - Internship,** Alten - IT — Bari, BA                             June 2021 — Jan 2022
- Completed a software development internship at Alten, contributing to full-stack projects (C#, Entity Framework, Angular), including an internal HR-oriented tool and a customer database applet.
- Created a process automation using Microsoft Power Automate Desktop to streamline workflows.

## 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.
- *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