

Pier Paolo Ippolito

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PPI Consulting — LinkedIn — GitHub

SKILLS

Programming Languages: Python/SQL/R/Scala/Typescript.

Frameworks: OpenAI SDK/Google GenAI SDK/PyTorch/JAX/Keras/Scikit-learn/Apache Spark/MLFlow/Plotly.

Technologies: Azure x4 Certified/GCP/AWS/Databricks/Palantir Foundry/SAS/Docker/Git.

Soft Skills: Product-Project Lifecycle Management/Pre-Sales/Fluent in English and Italian.

EMPLOYMENT HISTORY

Google, New York City, USA

Senior GenAI Solutions Architect

Jun. 2024 – Present.

- Leading use case engagements in the Google Cloud Platform (GCP) division to help top UK&I customers (e.g. hedge funds) develop Generative AI applications with Gemini, Claude, LLama, etc.. (e.g. LLM Agents, RAG Search).
- Supporting Google for Startups accelerator programme as a mentor.
- Fostering Gemini community through hackathons, workshops, content creation, talks, and open source contributions.

PPI Consulting, Zürich, Switzerland

Founder

Apr. 2019 – Present.

- Contributing part-time as an Editor and Writer for [Towards Data Science](#) (link), with more than **1.5M views** worldwide.
- Published articles about Artificial Intelligence and Software Development in partnership with [companies](#) (link) like NVIDIA, IBM, freeCodeCamp, and ODSC.
- Editorial Reviewing with publishers including O'Reilly and Manning.
- Tested, validated and showcased products from companies such as Lakera, Remo.ai, TechTree, and Kili Technologies.

Swiss RE, Zürich, Switzerland

Data & AI Engineer (Center of Excellence), Assistant Vice President

Apr. 2022 – May. 2024

- Facilitated the adoption of Swiss Re Data Platform (7k+ users) to process and enrich petabyte-sized data using Apache Spark on Palantir Foundry/Databricks and enable Data & AI applications on a global scale.
- Managed a team of 4 developers for the development of an actuarial use case impacting **portfolios of \$500M+**.
- Piloted the adoption of **LLMs (GPT3.5 Turbo)** in Swiss RE most important claims automation initiative (**14TB of data**).

SAS Institute, London, UK

Pre-Sales Data Scientist

Aug. 2020 – Mar. 2022

- Led the creation of an MVP for a new service projected to achieve EMEA-wide expansion and generate **\$3M annually**.
 - Designed the ETL pipeline to track and visualise the UK learning technologies award winning programme SAS STEP.
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PUBLICATIONS & PRODUCTS

Applied Data Science in Tourism

- Authored the 12th chapter of the [“Applied Data Science in Tourism”](#) (link) book covering hyperparameter tuning techniques for machine learning in tourism applications (Springer’s “Tourism on the Verge” series, **100K+ accesses**).

Community Contributions

- Supported the launch of [Agent Starter Pack](#) (link), a collection of production-ready GenAI Agent templates built for Google Cloud (**1.4k+ stars, 30k+ views**).
 - Open-sourced multiple GitHub projects about [AI](#) (link) and [Data Visualization](#) (link) **earning over 500 stars and followers**.
 - Conceptualized and built end-to-end platforms (Web, iOS, Android): [Linkaout](#) (link) and [SapiensLink](#) (link).
 - Designed online learning ML courses in collaboration with [Anaconda](#) (link) and [Educative.io](#) (link).
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EDUCATION

INSEAD, Singapore, Republic of Singapore

Executive Education, Management Acceleration Programme (MAP).

Mar. 2024 – Sept. 2024

University of Southampton, Southampton, UK

MSc Artificial Intelligence, Distinction (86%).

Sept. 2019 – Sept. 2020

University of Southampton, Southampton, UK

BEng (Honours) Electronic Engineering

Sept. 2016 – June. 2019

First Class Honours Degree (78.68%), top 2% Electronics and Computer Science (ECS) Department.

Awarded Hursley Prize for “Outstanding Computer Science Project” (Dissertation: 89%) and ECS 2016 Excellence Scholarship.

ACTIVITIES

Meetups Speaker

- Participated as a **speaker in various conferences and meetups** such as Google Cloud NEXT (Las Vegas) the Microsoft Reactor of London. Some of these recorded sessions, are freely available on [my website](#) (link).

Mobile World Congress 2019

- Attended the 2019 Mobile World Congress in Los Angeles (US) as a **press member for NVIDIA** to find out how 5G technologies can be used to enhance AI powered applications.