

Pier Paolo Ippolito

pierpaoloippolito28@gmail.com — +447904579210
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.

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 \(link\)](#).

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.