

# Pier Paolo Ippolito

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PPI Consulting — LinkedIn — GitHub

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## 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.

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## EMPLOYMENT HISTORY

**Google, New York City, USA / London, UK**

Senior GenAI Solutions Architect

Jun. 2024 – Present.

- Leading use case engagements in the Google Cloud (GCP) division to help strategic customers (e.g. hedge funds) develop Generative AI applications with Gemini, Claude, LLama, etc.. (e.g. LLM Agents, RAG Search).
- Supporting Google Agent Development Kit (ADK) product team and the startup 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 12<sup>th</sup> 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.

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## 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.