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, *London, UK*
Senior GenAI Solutions Architect   *Jun. 2024 – Present.*
- Leading use case engagements in the Google Cloud Platform (GCP) division to help top UK&I customers develop Generative AI applications with Gemini, Claude, LLama, etc..
- Contributed to LLM Agents and RAG Search projects for clients such as hedge funds and telecommunications companies.
- Fostering Gemini community through hackathons, workshops, content creation, talks, and open source contributions.

PPI Consulting, *London, UK*
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 Generative AI Agent templates built for Google Cloud **(1k+ downloads, 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 online conferences and meetups** such as the Microsoft Reactor of London and Google Developers Group (Zürich). 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.