Filippos Dimitrios Ktistakis
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Hiring Manager
Terma A/S
Re: Data Scientist, AI & Advanced Analytics (Req ID 697)
Lystrup or Søborg

I am applying for the Data Scientist position in AI & Advanced Analytics. My MSc in Computational Physics from University of Copenhagen (2025) involved building ML models for real data challenges, including a misalignment detection tool using optimization and machine learning on neutron scattering simulations.

In that thesis, I handled complex datasets: cleaned/processed simulation outputs, trained models with TensorFlow/Keras/PyTorch, evaluated performance via metrics like accuracy/ generalization, and iterated for robustness—skills that match developing AI from untamed data. I also built anomaly detection routines and processed environmental/microbiological data as a Data Analyst at University of the Aegean (2022-2023). These show my work with data pipelines, modeling, and evaluation on practical problems.

My technical skills include Python (NumPy/SciPy/Pandas/Matplotlib), ML frameworks (TensorFlow/PyTorch/Scikit-learn), statistical analysis, parallel programming (MPI/ OpenMP), and C++/MATLAB. Projects are on GitHub (github.com/philipposk) and 6x7.gr. I have under 5 years professional experience and no exposure to classified systems, but I learn tools quickly (e.g., picking up SQL/Power BI for projects) and meet NATO/EU residency/ security basics.

Terma's work on advanced tech for defense aligns with my physics/ML background for real impact, and I value team ownership in delivering reliable solutions. I work methodically, document clearly, and prefer straightforward teamwork. Available to discuss how my background could fit your projects.

Best regards,
Filippos Dimitrios Ktistakis