

Hello,

I'm Philippos Ktistakis. I'm a computational physicist with a focus on problem solving, scientific modeling, and building tools that actually work. My background is programming (mainly Python), mathematical modeling, machine learning, and neural networks. I also use C/C++, MATLAB, and parallel computing (MPI/OpenMP) for different technical tasks.

Recently, I built diagnostic and benchmarking tools for scientific projects -using simulations, data pipelines, and optimization. I like roles where I can design, test, and improve algorithms, especially when there is a clear line from model to measurable result. My work includes data analysis, method development, checking reliability, and practical deployment. You can see my recent projects and code on my GitHub (github.com/philipposk) and on my personal site (6x7.gr).

Technical experience:

- • Python, C/C++, scientific computing, and parallel programming (MPI/OpenMP)
- • Machine learning and neural networks (designing, training, optimizing)
- • Statistical analysis, simulations, and data engineering
- • Turning theory into practical, working systems

Outside of work, I keep up with new technology and ideas -experimenting, reading, and learning in my own time. I prefer honest, straightforward communication, both in writing and in code.

I'm interested in this role because it matches my skills and the work I enjoy: building, testing, and refining real systems through data and code.

Thank you for considering my application.

Philippos

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