Hello,

I'm Philippos Ktistakis. I'm a computational physicist with a strong focus on problem solving, scientific modeling, and making data-driven tools that actually work. My background combines programming (mainly Python), mathematical modeling, neural networks, and project management. When I work, I always look for the simplest, most effective solution to the problem at hand.

Recently, I built diagnostic tools for scientific instruments using large-scale simulations and optimization. This involved lots of data analysis, methodological testing, and direct application of machine learning. I'm interested in roles where I can create, test, and improve algorithms that have a clear impact-whether through performance, reliability, or practical usefulness.

Technical experience:
- Python, C/C++, scientific computing, and parallel programming (MPI/OpenMP)
- Machine Learning (designing and improving real algorithms)
- Statistical analysis, simulations, and big data tools
- Translating theoretical ideas into useful, working systems

Outside of work, I like learning about new technologies, cultures, and ideas. I prefer honest, open communication and try to keep things clear and straightforward, both in code and in teamwork.

I'm interested in this position because it matches my skills and the type of challenges I enjoy-working with data, applying quantitative methods, and building practical solutions for real-world systems.

I upload my ongoing projects and code to my GitHub (github.com/philipposk) and personal site (6x7.gr).

Thank you for considering my application.

Philippos