



Rareș Anghel-Stan

MATHEMATICIAN/SOFTWARE DEVELOPER

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Sartorius

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OTTO-BRENNER-STR. 20, 37079 GÖTTINGEN

Machine Learning Operations (MLOps) Engineer (x|w|m) – Hybrid

Dear Hiring Manager,

About Me

In my previous role as a Software Developer at Diomedes-technologies, a high-frequency trading firm, I improved my skills in scientific programming and data analysis. I successfully parsed and analysed large datasets using Python and SQL, developed statistical models to derive key metrics, and implemented automated processes to enhance data quality and efficiency.

My academic background includes a Ph.D. in Mathematics from the Mathematics Institute of the Romanian Academy, where I specialised in spectral and algebraic methods in the study of differential manifolds. I also attended several machine learning seminars where I understood the density of functions created by neural networks (with architectures that can have either only one hidden layer or multiple hidden layers) in the set of continuous functions.

Why Sartorius?

I am writing to express my interest in a internship in the Machine Learning Operations (MLOps) Engineer (x|w|m) – Hybrid position. My motivation comes from my willingness to solve real world problems as well as my desire to constantly improve. With my background in mathematics and experience in software development I am excited about the opportunity to work on Sartorius's projects. I am particularly drawn to Sartorius because of its impactful role in advancing healthcare solutions globally, helping translate scientific discoveries into real-world treatments that improve patient lives.

Why Me?

My research experience has equipped me with strong analytical and problem-solving skills, while my previous role as a Software Developer gave me hands-on experience in implementing my ideas and solutions. I am proficient at reading, understanding, and adapting ideas from the latest research papers. In a field that evolves as rapidly as machine learning, the ability to understand and adapt to new breakthroughs is imperative.

Sincerely,
Rareș Anghel-Stan