Rareș Anghel-Stan

MATHEMATICIAN/SOFTWARE DEVELOPER

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Deutsche Bundesbank

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Internship in the field of system-wide stress testing

Dear Hiring Manager,

About Me

In my previous role as a Software Developer at Diomedes, 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.

Why Deutsche Bundesbank?

I am writing to express my interest in a internship in the field of system-wide stress testing. 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 Deutsche Bundesbank's projects. I am particularly drawn to your commitment to excellence, diversity, and sustainable interaction, as well as your emphasis on both personal and professional development. I am confident that my curiosity, ambition, and technical expertise would make me a strong fit for your team. I look forward to the possibility of contributing to your projects and growing within the dynamic environment at Deutsche Bundesbank.

Why Me?

My research experience has equipped me with strong analytical and problem-solving skills, whereas my previous Software Developer role gave me hands-on experience to implement my ideas and solutions. I believe that this mix of academic rigor and real world experience will be valuable for working on a variety of projects.

Sincerely,
Rareș Anghel-Stan