

## G-Research Recruitment Team

November 12, 2023

G-RESEARCH  
LONDON, UK

### Application for Quantitative Researcher Position

Dear G-Research Recruitment Team,

## About the Role

I am writing to express my genuine interest in the Quantitative Researcher position at G-Research. Having learned of your commitment to fusing quantitative finance with advanced machine learning techniques, I am eager to contribute my expertise in predictive analytics, model innovation, and my profound grasp of AI implementations in finance to your esteemed team.

## About Me

I am an accomplished machine learning researcher with a PhD in Computing, bolstered by 4+ years of dedicated experience in spearheading novel deep learning approaches. My academic and professional journey has been inherently interdisciplinary, emphasizing robust development of AI algorithms and their practical application in various domains. I bring to the table deep knowledge in neural networks, reinforcement learning, and Bayesian non-parametrics combined with a solid skill set in Python and associated scientific computing libraries.

## Why Me?

My profile aligns well with the qualifications you seek at G-Research, courtesy of my extensive experience with machine learning, superior reasoning skills, and my mathematical abilities - as evidenced by my publications and success in prestigious data science competitions. With my proven track record of going beyond standard methodologies to develop proprietary models, I am well-positioned to join your mission to innovate and execute in the ever-evolving terrain of quantitative finance.

I am particularly enthusiastic about the opportunity to engage with a vibrant research community, exchange knowledge on the latest publications, and contribute to a platform where my work can lead to significant commercial impact. The synergy between my experience, aspirations, and the progressive mindset at G-Research offers an exciting pathway for groundbreaking research initiatives.

Engaging with vast data sets and sizeable computing resources is precisely the environment where I thrive best. I am keen to bring my analytical prowess, affinity for systemic problem-solving, and passion for machine learning innovation to G-Research, helping to fortify your status as Europe's leading quantitative finance research firm.

Thank you for considering my application. I look forward to the prospect of discussing how my background, skills, and enthusiasms can be in perfect accord with the dynamic team at G-Research.

Sincerely,

**Usama Zidan**

*Attached: Curriculum Vitae*