

Dear Hiring Manager,

I am writing to express my keen interest in joining DRW, a diversified trading firm known for its unparalleled combination of sophisticated technology and outstanding talent. As a passionate student at Ecole Polytechnique with a solid grounding in Applied Mathematics from Sorbonne University, I am captivated by the prospect of merging my technical proficiency with the intricate dynamics of trading at a world-renowned.

During my academic journey, I've been fortunate to take on projects such as optimizing algorithms and modeling for electric scooter infrastructure. These experiences have ingrained in me the ability to translate complex mathematical concepts into real-world solutions. The trading environment at DRW, with its emphasis on innovative scientific research and collaboration, presents an ideal setting for applying and expanding this expertise.

What particularly resonates with me is the commitment to both technological innovation and fostering a collaborative atmosphere. Your teams, which focus on cutting-edge algorithms and diverse investment strategies, align perfectly with my aspirations and skills. I am particularly excited about the opportunities to work on non-latency sensitive investment strategies, leveraging the power of machine learning and quantitative methods.

DRW's reputation for high expectations, integrity, and a willingness to challenge the status quo makes it an unparalleled platform for individuals like me, driven by curiosity and a desire to make a mark in the world of trading. Enclosed is my resume, providing a detailed account of my journey so far. I eagerly await the opportunity to discuss how I can be an asset to DRW's ambitious endeavors.

Warm regards,

Ahmed Mansour Bourassine

Dear Recruitment Team,

I am reaching out to express my genuine interest in joining JPMorgan, a global leader renowned for its commitment to innovation, client service, and industry expertise. Currently studying at Ecole Polytechnique, France's leading engineering institution, I believe that my strong analytical and numerical skills align seamlessly with the high standards upheld by JPMorgan.

My academic journey at Ecole Polytechnique has equipped me with a versatile skill set, which I've had the opportunity to refine during esteemed internships. My work at RTE, focusing on combinatorial optimization, and my time at KAWAZ, centered on advanced modelling, highlight my ability to synthesize complex datasets and extract meaningful, actionable insights.

What draws me to JPMorgan is its unwavering commitment to fostering growth and offering unparalleled global exposure. I am excited about the prospect of working on diverse projects, from financial modelling and market trend analysis to strategic client engagements.

I have consistently demonstrated my ability to perform under pressure and to meet stringent deadlines. While I have proficiency in English, French, and Arabic, my diverse experiences have ingrained in me the importance of effective cross-cultural communication. This, coupled with my analytical acumen and a relentless drive for excellence, positions me as a valuable asset to JPMorgan.

I would be honored to explore how I can contribute to the continued success of JPMorgan. Thank you for considering my application.

Warm regards,

Ahmed Mansour Bourassine

Dear Hiring Manager,

I am writing to express my keen interest in joining Jump Trading. As a dedicated student at Ecole Polytechnique with a rich foundation in Applied Mathematics from Sorbonne University, I'm enthusiastic about the prospect of integrating my technical capabilities into the intricate world of trading.

My interaction with Jump Trading's campus recruitment team was a turning point in my career aspirations. After presenting my CV and discussing my academic and professional journey, the team's encouragement to apply highlighted that Jump Trading values the unique blend of skills I bring. Their positive feedback intensified my interest in becoming part of an organization that champions innovation and values diverse technical expertise.

Throughout my academic and professional experiences, ranging from optimizing algorithms to electric scooter infrastructure modeling, I've cultivated a keen analytical acumen. These engagements have taught me to transform intricate mathematical paradigms into tangible, real-world applications. I am intrigued by the opportunity to employ this expertise within the dynamic landscape of trading, where cutting-edge technology and strategic analysis converge.

Furthermore, my volunteer experiences, such as performing as a pianist in a senior home in Paris and tutoring at Sorbonne University, have underscored the importance of responsibility, adaptability, and commitment. These soft skills, coupled with my technical background, make me confident in my capacity to contribute meaningfully to Jump Trading.

Jump Trading stands out as a pioneer in algorithmic and high-frequency trading, and I am eager to immerse myself in this exciting realm. I am optimistic about the prospect of collaborating with a team that pushes boundaries and constantly innovates. Attached is my resume for a more comprehensive overview of my experiences. I am looking forward to the possibility of discussing how I can contribute to Jump Trading's continued success.

Warm regards,

Ahmed Mansour Bourassine

Dear Recruitment Team,

I am writing to express my sincere interest in the 10-week Investment Banking Summer Analyst Program at Morgan Stanley, London. As a current student at Ecole Polytechnique, France's premier engineering institution, I have cultivated robust analytical and numerical abilities that align seamlessly with the demands of the role.

My academic journey, has equipped me with a skill set further refined through various high-calibre internships. My experiences, ranging from combinatorial optimization at RTE to modelling for KAWAZ, demonstrate my adeptness at synthesising operational data, as well as my capability to leverage analytical tools to derive actionable insights.

I am particularly drawn to the Summer Analyst Program at Morgan Stanley because of its reputation for providing in-depth training and an opportunity to work on global transactions. The role's responsibilities, including creating financial models, analysing market trends, and attending client meetings, are areas I am deeply passionate about and where I believe I can add value.

I pride myself on my ability to thrive under pressure and deliver results within tight deadlines, attributes honed during my time at various organisations.

While I am fluent in English, French, and Arabic, my multicultural experiences have taught me the value of effective communication, not just in multiple languages but in understanding and adapting to varied business cultures and ethos. I am confident that this, combined with my strong analytical foundation and proven commitment to excellence, makes me an ideal candidate for the Summer Analyst position at Morgan Stanley.

I appreciate your consideration and would be grateful for an opportunity to further discuss my potential contributions.

Warm regards,

Ahmed Mansour Bourassine

Dear Recruitment Team,

I am writing to express my genuine interest in the 2024 Quantitative Firm Risk Management Summer Analyst Programme at Morgan Stanley, London. Currently, I am a student at Ecole Polytechnique, the pinnacle of engineering institutions in France, where I have honed analytical and numerical capabilities directly pertinent to risk management.

My academic trajectory, particularly in advanced statistics, numerical analysis, and Java programming, has endowed me with a rich skill set, further polished by distinct internships. My roles, such as at RTE where I tackled NP-hard problems through combinatorial optimization using quantum computers, and at KAWAZ where I utilized Python simulations for infrastructure modeling, underline my proficiency in translating intricate data into insightful, actionable conclusions.

What attracts me to Morgan Stanley's Summer Analyst Programme is its esteemed reputation for comprehensive training and the prospect to contribute to pivotal risk management decisions on a global scale. The responsibilities of analyzing intricate market trends, developing risk models, and participating in risk review meetings resonate with my academic and professional pursuits.

Having consistently demonstrated resilience and performance under pressure in past roles, I am eager to bring this drive to Morgan Stanley. My trilingual fluency in English, French, and Arabic, paired with multicultural experiences, has enriched my communication skills – essential for understanding and navigating diverse business landscapes.

I am confident that my analytical acumen, complemented by a deep-rooted commitment to excellence, aligns well with the expectations of the Quantitative Firm Risk Management Summer Analyst role at Morgan Stanley.

I appreciate your consideration and would be grateful for an opportunity to further discuss my potential contributions.

Warm regards,

Ahmed Mansour Bourassine

Dear Hiring Manager,

I am writing to express my strong interest in joining QRT. As a passionate student from Ecole Polytechnique, with a rich background in Applied Mathematics from Sorbonne University, I am eager to bring my technical expertise to the dynamic field of finance. My experiences, ranging from optimizing genetic algorithms to modeling electric scooter infrastructure, have equipped me with a deep analytical rigor that I believe would be invaluable to QRT.

The decision to apply to QRT wasn't merely a spontaneous choice. An esteemed alumnus of my school, currently an employee at QRT, encouraged me to explore this opportunity. Having served as an informal mentor throughout my academic journey, his insights about QRT's innovative culture and emphasis on continuous learning resonated with me. It was his assurance in my capacity to innovate and contribute that solidified my decision to apply.

In my previous projects, I have often encountered the need to translate complex mathematical concepts into practical, real-world solutions. I am excited about the idea of leveraging this skill set within the finance sector, a domain that thrives on innovation and strategic problem-solving. I see QRT as the perfect platform to bridge my technical background with my aspirations in finance, creating solutions that are not only innovative but also impactful.

Additionally, my volunteer work as a pianist in a senior home in Paris and my tutoring engagements have instilled in me a strong sense of responsibility and community service. I understand that QRT holds these values in high regard, and I am eager to be part of an organization that not only pursues professional excellence but also prioritizes societal impact.

I would greatly appreciate the opportunity to further discuss how my background, skills, and aspirations align with QRT's vision. Please find my resume attached for a detailed overview of my experiences. Thank you for considering my application, and I eagerly anticipate the possibility of contributing to your prestigious organization.

Warm regards,

Ahmed Mansour Bourassine