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Dear Hiring Manager,

My name is Dominik Stipić and I am writing to express my interest in the Security Threat Intelligence Hunter position which you published on your official career website. I graduated with a computer science degree from the Faculty of Electrical Engineering and Computing in Zagreb. During my studies, I put my focus on quantitative and technical subjects such as data science, artificial intelligence, linear algebra, probability and statistics, and finance mathematics. Recently, I completed a traineeship at the European Central Bank in the Market Operation Analysis section where I contributed to the analytical processes and queries that were related to the analysis of market operations effects, minimum reserve requirements, supervisory banks liquidity assessment, and many more interesting topics. I was part of a data management team of six people which owned and was responsible for the division's data governance processes. Our function was to analyze, research, and present our findings to the experts and senior management and to improve data processes in a heterogeneous data environment. You can find more about my career path, highlighting skills and projects in the curriculum vitae which I have disclosed with my application.

I have a strong quantitative and technical background in computer science and math. During my education, I got a lot of exposure to theoretical and practical knowledge in our current technological landscape and quantitative methodology. I believe that my background has equipped me with a well-balanced skill set, comprising both theoretical and practical expertise, essential for executing successful and important projects. As a person, I'm very curious about how things work, ambitious, collaborative, and detail-oriented. I like to understand domains that I study holistically and I'm eager to learn about techniques and methods that can make my work better. I have extensive experience in using relational data management systems, both in my previous business experiences and at university. I'm proficient in writing SQL queries to retrieve data, model the domain using ER models, normalize databases, and increase the database read-write performance. I extensively used Python and Java in software engineering projects which were mostly end-to-end and contained the whole software engineering workflow, from system analysis, modeling, requirement gathering, and implementation. I have experience using Python with a variety of data sources, including relational databases, and cloud-based data sources. I am proficient in using Python to process structured and unstructured data. I'm able to effectively analyze and interpret complex information, identify patterns and trends, and draw accurate conclusions. I possess strong research and investigative skills, capable of gathering information from a variety of sources, including both structured and unstructured data. I have experience effectively navigating through large datasets to identify relevant information and extract key insights. Demonstrates a keen eye for detail and a commitment to accuracy, ensuring the validity and reliability of the information gathered. I am aware of some popular security tools and I have a knowledge of common attacker TTPs.

During my experience in the ECB for the first time, I worked in the financial and economic sectors. I was exposed to various financial and economic concepts and managed large amounts of financial and economic datasets. I also wanted to strengthen my knowledge with lectures and independent learning. I am very interested in those fields and I am very motivated to expand my knowledge about these fields. I participated in econometrical research where the goal of the project was to estimate the effect of the liquidity provision on the bank supervisory measures collected as a part of the Basel 3 regulatory framework. In this project, I have been part of the whole work process from the methodology learning, requirement gathering, communication with experts, project handoff, data gathering from the various data sources, communication with data owners, integration of data in one uniform format, creation of Python pipeline, delivery process to the researchers, presentation of the workflow and relationship management. I worked in a fast-paced environment where communication and business understanding played a very important role. When an operational effort wasn't so high, I presented to my team members research and created a proof of concept where I demonstrated the use of the Dagster orchestration framework applied to our internal needs. I monitored and assessed the financial eligibility of monetary policy counterparties and contributed to the analysis of topics such as minimum reserve requirements, targeted longer-term refinancing operations, emergency liquidity assistance and Eurosystem balance sheet items.

I'm interested in a career in information security and I believe that my background and knowledge would be beneficial for the position you advertise. I'm willing to make a commitment and effort in education and further self-development in this field. Also, I applied and started making an effort to specialize and certify myself in the information security field. I plan to attend this year's [information security postgraduate program at FER](#) and I am always looking for opportunities to fortify my knowledge and learn something useful for my career. In addition to my technical skills, I am also a highly motivated and results-oriented individual. I am a quick learner and I am always eager to take on new challenges. I am also a team player and I can work effectively in a fast-paced multicultural environment with smart people. Finally, I would say that I'm a very proactive team member and like to deliver and make the work which I do great! I am confident that I have the skills and experience that you are looking for in a Security Threat Intelligence Hunter. I am available for an interview at your earliest convenience. For more insights into my work, please feel free to review my [GitHub account](#), where I have shared the reviews of some of my projects.

Thank you for your time and consideration and I look forward to meeting you!
Sincerely,
Dominik Stipić