Motivation Letter
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Program: BA in Computer Science, University of Lodz

From a young age, I have always been fascinated by gadgets and have loved tinkering with them. This natural curiosity led me to study computers in more depth. My interest in technology, especially Computer Science, intensified as I grew older after completing Class 12. Because of the field's profound impact on modern life, I studied it further and completed several short courses focusing on areas like programming. Through this academic pursuit, I found solving complex problems through logical thinking and programming an exciting challenge that stimulates and encourages me to study further. I aim to now study for a Bachelor's degree in computer science because I am driven by my desire to create innovative solutions that make the digital world safer and more secure.

I, Tanmoy Das, was born in Kolkata, West Bengal, on December 30, 2002, to businessman Ganesh Das and Madhumita Das. I studied at AK Ghosh Memorial School for my secondary and higher secondary studies under the West Bengal Board of Secondary Education (WBBSE) and West Bengal Council of Higher Secondary Education (WBCHSE). In my higher secondary education, I focused on Physics, Chemistry, Mathematics, and Computer Science and scored 71% in the Board exams. My rigorous academic curriculum during these years gave me a strong foundation in analytical thinking and problem-solving, essential skills for any aspiring computer scientist. Through my coursework, I also developed a keen interest in the intricacies of algorithms, data structures, and programming languages, which laid the groundwork for my future studies in the field.

Throughout high school, I consistently sought opportunities to expand my knowledge and skills beyond the classroom. I actively participated in extracurricular activities, including public speaking competitions, debates, cultural activities, and sports. These experiences honed my communication and leadership skills and taught me the importance of teamwork and perseverance. My role as an advisor for the school magazine and a curriculum committee member allowed me to take on additional responsibilities and develop my organizational and time management skills. These experiences were invaluable in preparing me for the challenges of a rigorous academic program. My involvement in sports and the disciplinary committee further strengthened my ability to balance multiple commitments effectively.

After completing my Class 12 exams, I faced a setback with my US visa rejection for undergraduate studies and I was disheartened. Yet, I didn't let that stop me and I continued to pursue my passion in Computer Science by enrolling in various courses and acquiring intermediate skills in C, C++, Java, JSP, JavaScript, HTML, CSS, MySQL, Python, and Data Structures in C. This experience has taught me the value of resilience and the importance of not giving up on my dreams.

The field of Computer Science has always intrigued me due to its profound impact on every aspect of modern life. As I explained earlier, the ability to solve complex problems through logical thinking and programming initially drew me to this discipline. However, my interest deepened as I began to understand the versatility of the field in driving innovation across various industries, from healthcare to finance to

entertainment. I know that the rapid advancements in technology and the endless potential for discoveries make Computer Science an exciting and dynamic field to pursue. Since gaining intermediate skills in computing and information systems, I am particularly drawn to cybersecurity because it protects our digital infrastructure and safeguards sensitive information. The challenge of outsmarting cyber threats and the satisfaction of creating secure systems motivate me to specialize in this area.

I have chosen to study at the University of Lodz because it is renowned for its excellence in Computer Science education and its emphasis on research and innovation. I am particularly excited about the opportunity to work with esteemed faculty members who are experts in this field and whose research aligns with my interests. Their guidance and mentorship will be invaluable in my academic and professional growth. Additionally, the opportunity to collaborate with like-minded peers and engage in cutting-edge projects will further enhance my learning experience. The dynamic tech ecosystem in nearby Warsaw offers numerous networking opportunities and exposure to industry leaders, which will be instrumental in my academic and professional growth. Therefore, it is the ideal institution with its renowned academic programs, cutting-edge research facilities, and vibrant technological community that will provide the perfect environment for me to grow and achieve my aspirations.

Upon completing my undergraduate degree, I am eager to return to India and contribute to its rapidly growing tech sector. The IT industry is expected to grow at a rate of 8% in 2024, contributing significantly to the country's GDP. With over 4.36 million professionals currently employed in this sector, there are abundant opportunities for innovation and growth. Major companies like Infosys, Tata Consultancy Services (TCS), Wipro, and HCL Technologies are at the forefront of this field, offering roles such as cybersecurity analyst, security consultant, and research scientist. My long-term goal is to develop innovative solutions that protect sensitive information and ensure a safer digital world. I am confident that the comprehensive education and research opportunities at University of Lodz will equip me with the knowledge and skills necessary to achieve these aspirations, allowing me to contribute meaningfully to India's rapidly evolving technological landscape.

Sincerely,