henrik klasen is applying for the master's program in high performance computing . he has a strong background in scientific computing, simulations, and a profound interest in space, astrophysics, and quantum computing. his academic journey has been driven by a passion for understanding and leveraging computational power to solve complex scientific problems. engineering projects has equipped me with a robust foundation in algorithm design and implementation . participation in ICPC competitions, including NWERC and BAPC, has sharpened my problem-solving abilities . my involvement with ESN Luxembourg, where I currently hold a board position, has enriched my leadership and project management skills . interdisciplinary approach and the opportunity to work alongside leading experts in the field . i am confident that the rigorous curriculum will provide the ideal platform for me to advance my knowledge and contribute to groundbreaking research .