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Selection Committee

Master's Programme – *Managing Digital Transformation in the Health Sector (ManagiDiTH)*

Dear members of the selection committee,

I am writing to express my interest in the Managing Digital Transformation in the Health Sector (ManagiDiTH) master's program. This program aligns perfectly with my aspirations to bridge healthcare and technology through innovative digital solutions.

My journey began with my training as a nurse in Colombia, where I gained hands-on experience in clinical and patient education. Over time, I developed a desire to contribute more deeply to the healthcare system to not only provide care, but to transform it. My work in hospitals revealed that despite the dedication of the medical staff, many healthcare processes could be improved through well-designed digital tools. This realization led me to pursue a degree in systems engineering with a specialization in entrepreneurship and digital innovation.

Seeking new challenges, I moved to Germany to immerse myself at the forefront of healthcare innovation. Over the past two and a half years, I have worked in a variety of settings, including post-operative care and digital health stations, where I honed my skills in quality management and process optimization. My role included collaborating with colleagues to improve care processes and increase patient satisfaction.

I am currently part of an innovative clinical unit that works with startups, SMEs and healthcare companies to test and evaluate digital solutions in real-world clinical environments. This unique role has allowed me to contribute to projects such as:

QUMEA, an AI-powered, contactless fall prevention system using 3D sensors that helps nurses proactively respond to patient mobility issues - a tool I've personally seen prevent falls during night shifts.

Cliniserve, a communication platform that streamlines patient requests via bedside terminals, reducing nurse workload and saving valuable time and resources - a solution that has significantly improved my team's workflow.

My final year project at university also reflected my passion for digital health solutions, as I developed a prototype virtual course on the prevention of sexually transmitted infections. These experiences reinforced my belief that technology can profoundly improve healthcare - not by replacing the human touch, but by augmenting it with smart, efficient solutions. I also learned that impactful change requires more than good ideas; it requires structured knowledge, the right tools, and a deep understanding of health systems.

This is exactly why the ManagiDiTH program appeals to me. Its interdisciplinary and multicultural approach is exactly what I am looking for to further my development. I am particularly excited about the modules on data interoperability and health data systems, as I believe these are crucial areas for driving change in healthcare. I am eager to learn from diverse professionals from around the world, while contributing my practical nursing experience and growing expertise in digital health innovation.

I thrive in a team environment, value creative collaboration, and am driven to work on projects that make a tangible difference in people's lives. I aspire to create and be part of feasible, technology-based solutions that optimize healthcare services and improve access to care for people with limitations.

Thank you for your time and consideration. I would be truly honored to join the ManagiDiTH program and contribute to the digital transformation of healthcare.

Sincerely,

Angela Sophya Sarmiento Guayacan