

ManagiDITH Motivation Letter

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Proper and affordable access to patient health information is foundational to providing effective care to the population. Which is why, we need to make sure that medical practitioners have a “complete picture” of a patient’s health before administering treatments or performing any procedures.

Every year 2.6 million patients admitted to hospitals around the world lose their lives due to medical errors primarily caused by patient misidentifications and lack of health data interoperability. The problem is worse for underserved communities, especially for elderly citizens, co-morbid and chronic patients. This is why, correctly identifying patients has the highest priority for both the World Health Organization and Joint Commission International's Patient Safety goals.

In majority of cases, people fall victim to medical errors caused by these issues because there is no affordable solution to immediately identify patients and enable doctors to exchange clinical records. That is exactly what happened to my brother during his liver cancer treatments where he was given wrong medications which led to his death. After he passed away, I made it my mission to prevent deaths and sufferings caused by medical errors due to health data interoperability and data blocking.

The ManagiDITH program's focus on managing digital transformation in the health sector directly addresses these critical challenges that I have witnessed firsthand. The program's combination of health sector skills, societal skills, and digital skills perfectly aligns with my vision of developing comprehensive solutions for patient safety and healthcare accessibility.

My technical background provides a strong foundation, but I recognize the need for a more holistic understanding of healthcare digitalization. The ManagiDITH program's curriculum, particularly its emphasis on health data and information systems and health data classifications and exchange formats, directly relates to my interest in developing interoperable healthcare solutions. I am particularly drawn to the program's focus on service design and managing digital transformation in healthcare, as these areas are crucial for implementing effective patient identification and data exchange systems. My proposed research for my thesis on "Medical Errors Caused by Patient Misidentifications and the use of AI/Computer Vision and Blockchain to promote patient safety" aligns perfectly with the program's optional courses in data analytics and machine learning and deep learning and computer vision in health. I want to bring the same level of care and healthcare availability for every person regardless of their influence, money, or social status. I need to understand how I can use my skills and knowledge to help patients and families so that they do not suffer like us. I want to make this a reality because I am very familiar with the feeling of helplessness when our loved ones are taken to the emergency and I am also very familiar with the guilt and regret which comes after.

Through this program, I aim to develop comprehensive expertise in healthcare digitalization, learn from real-world case studies and industry perspectives, build a network of healthcare innovation professionals across Europe and gain the skills necessary to lead digital transformation initiatives in healthcare. The flexible, online nature of the program will allow me to maintain my professional commitments while pursuing this crucial education.

My ultimate goal is to ensure that no other family experiences the loss and helplessness, by developing and implementing innovative digital solutions that make healthcare safer and more accessible for all.