Letter of motivation

Dear TU Wien admission committee

I am Dania Kallab, a dedicated and enthusiastic individual with a lifelong passion for creativity, particularly in the realm of computer science. I successfully completed my undergraduate studies at Tishreen University in Latakia, Syria, in 2021, where I earned a Bachelor's degree in Informatics Engineering, specializing in Artificial Intelligence and Natural Language Processing Systems. I am excited to convey my eagerness to apply for the Master's degree program in Data Science offered by the VCLA and pursue an advanced degree in Computer Science at TU Wien. I am writing to express my sincere complete interest in the master Data science program advertised on offered by the VCLA.

Growing up in Syria within a modest family, my fascination with computers ignited at a young age when we welcomed our first computer into our home. This device opened up a virtual realm that transformed my imagination into tangible experiences. My interest in Computer Science blossomed at the age of 16, as I began to grasp how mathematical formulas could translate into intricate systems and solutions. I found myself drawn to school subjects that bridged the gap between mathematics and my curiosity about its complexity, prompting me to explore this field further on the internet. This curiosity gradually evolved into a passion during my university studies, reaching a point where I actively participated in Programming contests. These competitions not only sharpened my critical thinking abilities but also solidified my love for the field. Subsequently, I embarked on internships, spending three months in Data Science and gaining experience in software engineering to integrate AI into the software industry. Despite being immersed in practical experiences, my dream of continuing my studies in Data Science remained steadfast. I diligently searched for an appropriate master's degree program, aiming for a university that supports its students in contributing to the scientific community within a comfortable atmosphere. My journey into the world of Computer Science commenced at the age of 16 when school subjects intrigued me with the realization of how mathematical formulas could be transformative research. Guided by my curious nature, I delved into further exploration on the internet, and this interest gradually evolved into a passion that I pursued during my university studies. The intensity of this passion became evident as I actively participated in Programming contests, significantly enhancing my critical thinking methodologies.

During my university studies, I showed my interest in social and humanitarian services integrated with AI, for example in the 4th year at the beginning of covid-19, my mates and I found out, we want to contribute for the health of human beings, and developed Covid-19 detector based on the symptoms and the X-ray, the diploma project aimed to give the light to virtually impaired people in Syria, especially those who had injuries because of the state of our country. Our project got a fascinated result with the development and the academic paper we tried to publish as a development and a new application developed in AI.

The Helmut Veith Stipend would significantly impact my ability to pursue my academic goals by the support of funding and the excellent teaching and researching modern methods. This financial support is crucial for me to fully dedicate myself to my studies and research without the burden of financial constraints. I am particularly drawn to TU Wien due to its outstanding reputation Technology with the woman integration, which is still rare in the current edge, TU Wien is creating the "Woman in technology era" The prospect of contributing to the research community at TU Wien, especially within the context of empowering woman in Data science and improving our metal health using the Data. It's exciting and motivating for me.

I am confident that my academic background, passion and dedication to making meaningful contributions align with the values and objectives of the Helmut Veith Stipend. I am excited to work and get supervision under Stefan Fenz. I am eager to leverage this opportunity to not only

further my education but also to contribute meaningfully to the academic community at TU Wien.

Thank you for considering my application. I look forward to the possibility of contributing to and benefiting from the academic excellence at TU Wien.

Yours sincerely.

Dania Kallab