

Letter of Motivation

Introduction- My name is **Abbrar Saif, Mohammed** and I want to state my continued interest in the pursuit of a **Master of Science in Computer Science** at **Technische Universität Hamburg (TU Hamburg)**. As is being targeted at the development of knowledge and experience, this program and the academic preparation as well as the required professional expertise mentioned under the policy are the best choice for further education.

Academic Background and Professional Experience- I completed my Bachelor of Engineering in **Computer Science Engineering** degree at Anna University Chennai, I had a **cumulative Grade Point Average of 8.92 (German grade: 1.81)**. which proves my dedication towards my studies as well my desire to perform to the best of my ability. I took learning in specialized courses like Data Analytics, Cyber Security, Ethical Hacking, Social Network Engineering, and the Internet of Things which inseeded my desire to attain specialized knowledge in the courses. Before my undergraduate studies, I completed my Senior School Certificate Examination in 2020 with a score of **71%** (German grade: 2.29), and my All India Secondary School Examination in the year 2018 securing **90.2%** (German grade: 1.43), which gave me a very good platform for other subsequent studies. Through multiple **internships**, I have accrued practical experience as a **Software Engineer Trainee at Newgen Software Technologies Limited** where I was engaged in software development from requirements to implementation. Splendidly, at **Infra BIM Techno Solutions, as a Full-Stack Data Science Intern**, I enhanced my expertise in Data Preparation, Exploratory Data Analysis, Model Selection, and Evaluation. Also, I worked virtually as an **Intern** as a **Salesforce Developer** for **SmartInternz** where my learnings include: Sales Management Fundamentals, Account and User Setup, Flows & Security, Record and Field Relationships, Automation Center, Lightning Web Components, and Setting up Vs Code. I also took an **Android Basics in Kotlin intern** with **SmartInternz supported by AICTE** in which I developed Android apps in Kotlin programming language and tools. Having the technical certifications, these experiences have given me a good ground in theoretical as well as practical aspects of computer science. Besides, I obtained an overall band **IELTS of 7.0 (CEFR LEVEL- C1)** reflecting my proficiency in the English language.

Why M.Sc. in Computer Science Program? The **M. Sc. at TU Hamburg, Computer Science** has a very elaborate program and it is fun and informative too. Some of the core focus areas include Artificial intelligence, Data Science, and Cybersecurity among others; therefore undergoing this program will equip me with the requisite knowledge as well as skills fit for the current demanding technological planet. Thus, the organization of the course as far as the combination of theoretical and practical information is good enough to Organize a computer science education and enter the world of IT. In addition to that, the approach that is employed at the University regarding research and innovation is in line with how I envision myself advancing in the future and contributing towards the development of breakthroughs in the market. In this course, I have a vision to develop myself in the concerned areas of computer science to prepare myself for the role of prime technologist and discerning thinker. Such projects will be real-life unlike the hypothetical examples given in usual class examples or problems therefore the experience that the course will afford will be immense in closing the gap between theory and practice. I am confident that this program will be a good foundation for the continuation of achieving my professional aims and objectives

Why Germany? **Germany** is one the leading country that offers education and is more renowned for its engineering and technological colleges. The country has something for research and innovations, it will therefore be ideal to pursue education in computer science here. Similarly, the teaching faculties in the German universities have also built a good team, the equipment used in the research stations is also very modern and the standard of education is also very high. The culture in **Germany** is rather an international one and the trend for international students, is varied and Rich, they have an opportunity to interact with learners from all over the world. In addition, there is a good economy in **Germany** and new high-tech industries where many of the students can secure their internships.

Why TU Hamburg? **Hamburg University of Technology** is accredited as one of the premier technological universities in Germany. The organizational values that the university has shown to support include the following The university values research and innovation in computer science and these are things that I have a keen interest in both academically and professionally. In undertaking this paper, the author made use of the advanced Computer Calls of **TTU Hamburg** and freely accessed modern technologies. As the university is in touch with many companies and organizations, the students have many opportunities for internships, practical projects, papers, etc. Thus, interaction between German and international students makes **TU Hamburg** a very friendly institution for international students.

Conclusion- All in all, I am quite sure that the **M. Sc.** Decision to pursue the **Master of Science in Computer Science program** at **TU Hamburg** is the next logical academic and career move for me. I look forward to joining the rich academic environment of the university and using all the benefits I can. I have embarked on a journey of achieving the best grades and making a positive contribution to **Computer Science** and society. I want to have the indeed chance to chase my dreams in **TU Hamburg** Kindly consider me favourably.

Thank you for considering my application.

Yours sincerely,

Abbrar Saif, Mohammed