

Motivation Letter

Dear Sir/Ma'am,

I am **Aadhitya Sridhar an Indian student**. Here, I am composing my statement of purpose for the Master of Science in **Biomedical Engineering at Heidelberg University**.

First of all, I would like to share my educational details that can show that I am the right candidate for this master's studies at your prestigious university.

For my master's studies, my instruction of medium will be English language so to get more proficiency in this language, **I went through the IELTS test, where I scored an overall of 7.5 including Listening: 8.5, Reading: 8.5, Speaking: 6.5, and Writing: 6.5.**

After completing my schooling, **I was admitted to the Sathyabama Institute of Science and Technology for my Bachelor of Technology in Biomedical Engineering, and currently I am pursuing the same. Where my current score is a 9.19 CGPA (German Grade - 1.49).** I received a **technical certificate** for completing Instrumentation - Intro to Biomedical Engineering by Udemy, and also for completing Python Bootcamp from Zero to Hero in Python conducted by Udemy.

To build my knowledge gap, I completed some **internships**, and **training**, and **worked for publications** as mentioned below:

- I completed Virtual Internship Training on Industrial Based Embedded Systems with AI & IOT
- I completed a Biotech Summer Internship in Computational Biology
- I completed Online Internship training on Artificial Intelligence
- I participated in the Summer Internship Program on Recent Advances in Biomedical Science (RABS)
- I completed training on 3D Printing @ Marketspace, Programming with C and C++, "Arduino & Arduino IDE Programming", IP Awareness/Training Programs, etc
- I participated in a Workshop on Solar Charger and a Webinar on Journal & Paper Presentation - "Trigger"
- I worked to present a paper with title Presented the Paper Titled – "Detection of Multiple Ocular Diseases using Machine Learning in the 3rd International Conference on Intelligent Vision and Computing (ICIVC 2023)", and "Assistance for Healthcare Professionals Using Hand Gesture Recognition in the IEEE sponsored 3rd International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICES 2023)".

Additionally, I believe that extracurricular activities are essential for personal and professional growth so **I participated in various activities** such as I attended a Webinar on Bio-Medical Equipment and Real-Time Patient Monitoring System, a Webinar on Clinical Artificial Intelligence for Biodesign innovation, participated in the Avantika Cultural Olympiad Essay Competition, and many more.

I have chosen the field of Biomedical Engineering because it can provide solutions in various health issues, and also I am continuously contributing to changing how patients are treated and lowering the cost of care. Also, experts in this field can create new technologies that can save lives or improve our quality of life. My bachelor's degree has provided me with a solid foundation in this field. Now, I wish to gain deeper knowledge in all the areas that I already studied in my bachelor's including some of the subject-specific areas of this field. To gain extensive knowledge of this field, I decided to pursue a master's degree in this field.

Here, I will gain a unique combination of technical and personal skills such as biomaterials, bio-instrumentation, and medical imaging, etc. Additionally, soft skills like problem-solving, teamwork, and communication which are also essential to success in this field.

Germany is the ideal place for pursuing advanced education in Computer Science. As the country has been the petri dish in which the internet giants were developed, it will provide me with the best academic setting. By choosing to study in Germany, students are assuring themselves of a world-class education coupled with practical training at state-of-the-art universities across the country. A globally recognized degree after graduating from Germany would also lead to higher job prospects in the international marketplace. Germany also has a diverse cultural atmosphere that proves favorable for foreign education. Considering these reasons, I have concluded that Germany is the best choice for me.

I immersed myself in intensive online research and discussed with several well-wishers and mentors before finalizing The Heidelberg University in Germany. The university has impressed me with its excellent global rankings, rich alumni, and global reputation. Diversity is the essence of Heidelberg University. It offers you a unique learning environment to the student, which is essential for personal and professional development. These are the prime aspects that made me choose Heidelberg University over others. Most importantly, the master's program that provides specialization in Biomedical Engineering matched my academic requirements while its coursework aligned with my subject interests.

This is a diverse field so after gaining a master's degree, I can work in hospitals, universities, pharmaceutical companies, and private manufacturing companies, where I can use my skills to contribute to our society at large.

I am very ambitious and would like to have a concrete focus on my academics as today's hard work will make my future tomorrow. I would like to request you to accept my application and give me a chance to be a part of your institution.

Aadhitya Sridhar, India

