

# Letter of Motivation

## Introduction

My name is **Krishnan, Narayanan**, and I am writing to show my keen interest in applying for a **Master of Science in Data Science** at **FAU Erlangen**. I also believe this program will help me build on my academic qualifications and career goals to enhance my ability in **Data Science**. By joining your esteemed institution, I shall be in a privileged position to develop myself to match these challenges and positively impact the industry

## Academic Background, Internship, and Training Program

I am a graduate with a **Bachelor of Computer Applications** from the University of Madras, Chennai and I scored a **CGPA of 8.27** equivalents to a **German grade of 1.87**. I undertook courses in Programming in C& C++, Python practical, Data Communication, and Networking, Software Testing, and Web Technology thus giving me a sound grounding in computing and software. However, I got **73.66%** marks when I was in **12th grade** as a **German grade 2.22** including Tamil, English, Physics, Chemistry, Computer Science, and Mathematics. The marks I got were **93.2%** in my 10th grade, including schools teaching Tamil, English, Mathematics, Science, and Social Science. In my academic career, I have been trained through internships and other training programs which made me gain experience. For instance, I **interned** at **Winways Complete Open Source Pvt. Ltd.** from July 1 to July 21, 2021, and my main area of concern was to study and work on **JavaScript**. This internship allowed me to be exposed to front-end development thus enabling me to improve on my scripting and web knowledge and skills. I also successfully attended a **Training Programme in Computer Hardware and Networking** at Guru Nanak College to enhance my technical knowledge.

## Working Experience, Technical certifications & Extracurricular activities

At present, I am serving as a **Programmer** at **Tata Consultancy Services**; coordinating and maintaining software updates, liaising with other departments/branches for analyzing technical glitches, and implementing the Local Area Network, making it efficient and secure for Information Technology. They have helped me to enhance my problem-solving skills and also expanded my knowledge about how information systems work in a business organization. Additionally, I have earned several **technical certifications** that complement my academic background. I completed a "**Short Term Industry Ready Program**" in Linux, implemented by Ethnus Consultancy Services Ltd. in association with DXC and the Nasscom Foundation. Furthermore, I completed all the requirements for "**Mobile App Development**" through an assessment administered by ICT Academy on August 30, 2021. These certifications have provided me with practical skills in Linux systems and mobile app development, further preparing me for advanced studies and professional challenges. My involvement in **extracurricular activities**, such as receiving a Certificate of Appreciation for Voluntary Blood Donation at the Government Blood Bank in Tamil Nadu and participating as an NSS Student Volunteer in the event "**Marathal Thagumo** - a Tribute to the **Indian Armed Forces**," has instilled in me a strong sense of responsibility, teamwork, and community service. Also, I have achieved an overall **7.0 (CEFR level: C1) band score** in the **IELTS exam** which proves my English language skills.

## Why Master of Science in Data Science?

The course that I find particularly interesting and corresponds to my plans for the future is the **Master of Science in Data Science** at **FAU Erlangen**. The course will present a full range of topics beginning from data analysis, machine learning, big data technologies, data modeling, and simulation methods. This proposal gives me a chance to get theoretical knowledge and practical skills that will allow me to solve various data problems. Primarily, concern with research and innovation means that I will be able to work on the most research-oriented projects in the constantly developing sphere of data science. I also expect to work with many of my peers and other experts which Open mindedness broadens my thinking and problem-solving. Thus, the outlook for the graduates of data science is rather favorable because they can work in different fields, including finance, healthcare, and technology. The end of this course will ensure that I can fit into job descriptions such as data analyst, data scientist, and machine learning engineer. More so, I envision using my knowledge to enhance the achievement of a data analytics initiative's goals or to revolutionize an existing company.

## Why Germany?

Education in **Germany** will enable me to encounter as well as use modern facilities and new technology. The country has a sound economy which is oriented more on industrial collaborations with institutions of higher learning thus providing a conducive environment for learning and development of a professional. Highlighting that **Germany** has a multicultural population and a populace friendly to International students, enlarges the probable experience of my learning process. Its geographical location in Europe means that it will be easy for persons and organizations wishing to network with others from the continent. Moreover, it will develop further possibilities for interacting with the local environment and learning more about its business and cultural peculiarities with the help of learning German. Summing it up, looking at the prospects and focus on quality education and innovation, **Germany** proves to be the best for my higher studies.

## Why FAU Erlangen University?

**FAU Erlangen** moreover is one of the top research universities in Germany, which is another reason why I have applied. From the prospect of interdisciplinary research that is well embraced by the university in data science, I have an interest in areas of application of **Data Science**. Mentionable partnerships of **FAU** with industries provide students the options to get involved in actual projects and work experience. From a university perspective, state of art infrastructural facilities and the availability of computational resources will enable me to develop my technical skills. Some of the additional features that appeal to international students include the establishment of programs and services to support international students at this university. Last but not least, the placement opportunities after the course are good, mainly because of **FAU** which is located in the Bavarian region that has a very active technological sector.

## Conclusion

In conclusion, I am confident that the **Master of Science in Data Science** at **FAU Erlangen** is the perfect program to help me achieve my academic and career goals. I am excited about the opportunity to contribute to and grow within the vibrant academic community at **FAU**. I look forward to the possibility of being a part of your esteemed institution and am eager to embark on this journey of advanced learning and discovery.

Regards,

**Krishnan, Narayanan**