



भारतीय प्रौद्योगिकी संस्थान गांधीनगर
पालज, गांधीनगर, गुजरात 382 355

INDIAN INSTITUTE OF TECHNOLOGY GANDHINAGAR
Palaj, Gandhinagar 382 355

Himanshu Shekhar, Ph.D.

Assistant Professor, Electrical Engineering

Phone: +91 79 2395 2552

E-mail: himanshu.shekhar@iitgn.ac.in

Website: <https://labs.iitgn.ac.in/muselaboratory>

**IIT
GN**

8th August 2024

Dear Admissions Committee,

I am glad to recommend Aryamann Tomar, for the graduate program at your esteemed university. I am an Assistant Professor at IIT Gandhinagar, and I co-direct the Medical Ultrasound Engineering laboratory. I also serve as the Associate Dean, Faculty Outreach, and have previously served as the Associate Dean, Undergraduate Studies.

I have known Aryamann as a former student in my department. He currently works at the Goods and Services Tax Network as a software engineer, where his role involves innovation in Artificial Intelligence and Machine Learning, as well as parallel computing. Over the past year, he has applied these skills to solve real-world problems, honing his technical abilities and practical knowledge. Aryamann wishes to transition from Electrical Engineering to a focus on Computer Science, particularly in the areas of machine learning and data science, because of his interest and passion for this field. His ability to bridge the gap between electrical engineering and computer science disciplines is particularly impressive and will likely serve him well in interdisciplinary research and applications. Aryamann is motivated to learn further through a graduate degree.

During his time at IIT Gandhinagar, I taught Aryamann a course on Signals, Systems, and Networks. Aryamann was a diligent student and performed within top 10% in a class of over 40 students. He received an A- in my class. He has been on the Dean's List for academic excellence twice and has performed well in a range of courses. Aryamann earned A letter grades in other courses such as Digital Signal Processing, Communication Systems, and Microprocessors & Embedded Systems. His CPI is 8.08/10, which I would rate as being in the good to very good range, as Electrical Engineering is a "low-scoring" discipline at our institution and has a reputation for being rigorous. Further, Aryamann has been able to complete his B.Tech. degree in just 3.5 years instead of the typical duration of 4 years, with a very good academic performance, which shows his ability to learn quickly and perform well despite challenges.

Aryamann has gained valuable research experience at IIIT Hyderabad, and the National Informatics Center, which has helped him develop a broader understanding of this area of interest. He has published his work at IIIT Hyderabad as a co-author at ASONAM '23: Proceedings of the International Conference on Advances in Social Networks Analysis and Mining. I am sure that this experience will help him as he pursues a Masters degree.

In summary, I am happy to recommend Aryamann for your graduate program. His blend of academic excellence, research experience, and industry exposure make him a strong candidate for your program. I am confident that he will excel in his future academic endeavors and contribute meaningfully to your program because he has the intellectual curiosity, technical skills, and necessary determination. Please do not hesitate to contact me if you require any further information.

Sincerely,

Himanshu Shekhar PhD (University of Rochester)