



Shreyash Ojha <shreyash.ojha@nift.ac.in>

endorsement letter for Admission

Deepak Panghal <deepak.panghal@nift.ac.in>
To: Shreyash Ojha <shreyash.ojha@nift.ac.in>

20 January 2024 at 20:18

Dear Admissions Team,

I am writing to recommend Shreyash Ojha for his graduate education to your university. Shreyash is pursuing Bachelor of Fashion Technology (BFTech) degree from the National Institute of Fashion Technology (NIFT)- New Delhi. As a Professor of Mechatronics at our university, I instruct coursework - Mechatronics, Additive Manufacturing, and Robotics & Automation. I had the distinct pleasure of having Shreyash as a student in my class. Our early in-person sessions afforded me a clear perspective of his academic diligence. In my rigorous course, Shreyash always is among the top 5 percent of a talented group of 30 junior-year students.

Overall, Shreyash made a lasting impression as a student of exceptional dedication and proactivity. His commitment to his academic pursuits was characterized by punctuality and a keenness to engage deeply with the course material and classroom discourse. Always seated at the front, he ensured his participation was both active and substantive. His solid grounding in MATLAB and Python programming ensured his contributions to class discussions were punctuated by pertinent and stimulating questions. Occasionally, he attended office hours, to attain a deeper understanding of complex topics.

Shreyash displayed proficiency in MATLAB and Python programming, developed working model of automated assembly line systems, developed automated faucet leakage detection system using Edge Impulse and MATLAB programming with an accuracy of 85%. He worked on apparel defect detection neural model training using MATLAB, developed a working line following robot with active object avoidance protocols. Taking this forward, he is presently working on a project to develop an autonomous robot for WIP transport in apparel sewing lines. This project got selected for a dissertation fellowship scheme under Shahi Industry 4.0 chair, at NIFT. The fellowship scheme is backed by one of the largest exporters of apparels in India with an annual turnover of Rs 5000 cr. The proposed project will be full of technical challenges for which he is preparing himself through online certification programs on MATLAB Onramp, Machine Learning, Deep Machine Learning. He displayed adeptness in working with microcontroller processors such as Arduino and Raspberry PI. Furthermore, he displayed both practical and conceptual clarity when working with programmable and PLC units.

What was even more noteworthy was his sincere interest in fostering an environment that

allowed students to navigate problem-solving through their unique perspectives and diverse learning styles. It was apparent that he led a highly motivated group of students who were consistently eager to participate in his sessions and academic dialogues.

Shreyash's passion for learning and commitment to fostering an intellectually stimulating environment are qualities that will undoubtedly contribute to his success in graduate school. The attributes he has showcased, both as a student and as a teaching assistant, speak to his capability to be a remarkable contributor to your institution. I am therefore pleased to extend my endorsement for his application. Should you require any additional information, please do not hesitate to reach out to me at deepak.panghal@nift.ac.in.

Best Wishes

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