

**TO WHOMSOEVER IT MAY CONCERN**

I am happy to recommend **Gayathri Ethiraj**, for graduate studies at your esteemed university. I was her guide and mentor for her final year project during her seventh semester.

Gayathri, alongside two team members, worked on a complex and highly technical project titled **"Gesture-Based Game Control Using a Low-Resolution Camera"**. The project aimed to apply deep learning techniques to interpret hand gestures from real-time video feeds, with each gesture mapped to a keyboard action to control the game. I also noticed her demonstrating a keen interest in understanding the underlying principles of deep learning when she considered the work in a spatial-temporal domain and proposed innovative solutions to mitigate GPU resource limitations during training, which also showed her ability to think critically and proactively address challenges.

In addition to her technical skills, she excelled in teamwork and communication. She consistently contributed valuable insights during group discussions, actively sought feedback, and ensured the collaboration of her team. Her work ethic, combined with her natural curiosity and enthusiasm for learning, highlighted her ability to approach challenges with determination and creativity.

Beyond her academic achievements, Gayathri has demonstrated a strong sense of social responsibility through her active volunteering efforts. She is dedicated in her teamwork, and willing to collaborate. Gayathri has participated in university level events and activities. She has the leadership quality and perseverance in completing her projects.

I am confident that Gayathri's critical thinking, commitment to learning, and dedication will enable her to excel in graduate studies. I highly recommend her for your graduate program and believe she will make a significant contribution to your institution.

Regards,



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