



LETTER OF RECOMMENDATION

It is with great pleasure that I write this recommendation for Mr. Aaditya Rengarajan, a standout student from the Computer Science and Engineering department at PSG College of Technology. Having guided Aaditya as his professor, I can confidently say he has excelled in academics, research, and professional development.

Aaditya's academic journey has been marked by an impressive array of research contributions that demonstrate both his depth of knowledge and his innovative approach to solving complex cybersecurity challenges. His most notable work includes a series of research papers that have been presented at prestigious conferences and are now being considered for publication.

Aaditya has demonstrated strong academic performance in courses such as Cryptography and Data Structures, where I had the opportunity to teach him. His ability to quickly grasp complex concepts and apply them in practical scenarios was exceptional, consistently placing him among the top performers in the class.

Aaditya has made impressive contributions to the field of cybersecurity, particularly through his research. His latest paper, **"Enhancing Cybersecurity Resilience with CYBRANA: A Cyber YARA/YAML-Based Resilience Firewall Solution Applied with Next-Gen AI"**, was accepted for presentation at the 3rd IEEE International Conference on Computer Vision and Machine Intelligence in 2024. His innovative integration of YARA rules with AI models to analyze firewall logs and map threats to the MITRE CAPEC™ architecture showcases his forward-thinking approach and technical proficiency. Aaditya has also been actively involved in conducting cybersecurity workshops, where his ability to explain complex topics effectively has benefited his peers and juniors alike.

Beyond academics and research, Aaditya has showcased his leadership and teamwork skills. He has conducted various workshops, demonstrating strong communication and public speaking abilities. His passion for teaching, combined with his collaborative nature, has fostered a sense of community and learning among his peers.

Aaditya's dedication to academics, research, and leadership in the field of cybersecurity makes him an ideal candidate for graduate studies. His ability to integrate theoretical knowledge with practical applications, along with his collaborative and teaching skills, reflects his potential for success at the graduate level. I strongly recommend him for admission to graduate studies in cybersecurity, with full consideration for financial aid, as I am confident that he will excel in his future academic endeavors.

G.R.Karpagam

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