12/08/24

**Admissions Committee**  
Graduate Assistant Application  
Grand Valley State University  
College Of Computing

Dear Members of the Graduate Assistant Search Committee,

I am writing to express my interest in the Graduate Assistant position within the College Of Computing at Grand Valley State University. With a strong background in data science, programming, and mentoring, I am eager to apply my skills and experience to contribute to the research and teaching efforts at your institution.

I hold a bachelor's degree in information technology from R.V.R & J.C. College of Engineering in India, where I developed a solid foundation in programming languages such as Python, Java, and SQL. My technical proficiency includes data analysis, machine learning, and the use of various libraries such as Pandas, Scikit-learn, and Matplotlib. I have built end-to-end solutions for real-world problems, including a sales prediction model that achieved over 90% accuracy and automated data processing workflows that improved efficiency for a company’s operations.

During my internship at Slash Mark in Hyderabad, India, I worked with a team to analyze over 2 million customer transactions, applied machine learning techniques to group customers effectively, and developed dashboards in Tableau to facilitate real-time reporting. My technical skills were further expanded through hands-on projects such as developing a voice-activated list manager and a GUI-based alarm system, both of which reinforced my ability to create intuitive user interfaces and work within an agile development environment.

In addition to my technical experience, I have gained valuable mentorship and teaching experience. As a mentor at R.V.R & J.C. College of Engineering, I supported students in developing programming skills and guided them through the process of building real-world projects. I provided constructive feedback on coding assignments, helping students improve their problem-solving abilities and write efficient, maintainable code. This experience has honed my communication and interpersonal skills, allowing me to effectively convey complex ideas to diverse audiences. I have found great satisfaction in helping others grow and would bring the same enthusiasm for teaching and mentoring to the Graduate Assistant position.

Moreover, my leadership role as Student Cultural Event Manager at R.V.R & J.C. College of Engineering provided me with extensive organizational experience. I managed large-scale events, coordinated teams, and ensured all logistics were met on time, demonstrating my ability to manage multiple tasks efficiently while maintaining high standards.

I am particularly excited about the opportunity to contribute to [specific project, research, or department initiatives] within your department. My strong analytical background, combined with my passion for mentorship and research, makes me confident in my ability to contribute to your team while expanding my own expertise.

Thank you for considering my application. I look forward to the opportunity to discuss how my skills and experience can support the goals of your department. Please feel free to contact me at 616-329-4914 or via email at [vlakshmanarao214@gmail.com](mailto:vlakshmanarao214@gmail.com) should you need further information.

Sincerely,  
Lakshman Vallapuneni,