

Akshay Parate  
432 Central Ave  
Jersey City, NJ, 07307  
aparate@stevens.edu

09/16/2024

Davidson Laboratory  
Raju Datla  
Stevens Institute of Technology  
Hoboken, NJ, 07030

Dear Raju Datla,

I am writing to apply for the part-time position at Davidson Laboratory, assisting with model testing of ships and wave energy devices. As a current student pursuing master's in data science at Stevens Institute of Technology enrolled in over six credits, I am eager to contribute my skills and academic experience to this unique and exciting opportunity within the Towing Tank facility.

My academic background, paired with a strong interest in marine engineering and experimental research, makes me a strong candidate for this role. I have developed a solid foundation in mechanical systems and data analysis, which will allow me to effectively assist in the model and instrumentation setup, calibrations, and testing required for ship and wave energy device experiments. I am particularly excited about the prospect of working with the towing carriage and wave maker to contribute to the ongoing research at Davidson Laboratory.

In addition to technical tasks, I am capable of performing the necessary maintenance work to ensure the equipment runs smoothly. I have a hands-on approach and a meticulous attention to detail, which I believe are crucial for maintaining accuracy during experiments and conducting reliable data analysis.

I am confident that my passion for research and my practical skills will allow me to make valuable contributions to your team. I have attached my resume for your review and would welcome the chance to further discuss how my qualifications align with the needs of the laboratory.

Thank you for considering my application. I look forward to the opportunity to contribute to the innovative research conducted at Davidson Laboratory.

Sincerely,

Akshay Parate