



# Tommaso Bocchietti

MECHANICAL ENGINEERING STUDENT AT POLITECNICO DI MILANO

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“Get things done!”

## PoliMi Sailing Team

October 19, 2023

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MILANO 20158  
ITALIA

### Application for the PoliMi Sailing Team

Dear PoliMi Sailing Team,

### About Me

I am a first-year Master's student in Mechanical Engineering at Politecnico di Milano, specializing in "Mechatronics and Robotics". My academic journey has been driven by a profound passion for the fusion of mechanical engineering and computer science. While I have mainly worked on solo projects, I am eager to collaborate with fellow students on challenging endeavors, making the PoliMi Sailing Team an ideal opportunity.

### Why the PoliMi Sailing Team?

While my personal enthusiasm for sailing is limited, I am deeply fascinated by the mechanical and mechatronic complexities of the team's project. I am drawn to the idea of translating real-world phenomena into mathematical models to optimize the boat's mechanical systems for peak performance. This synergy between technology and mechanical design is essential in pushing the boundaries of sailboat performance.

I am eager to collaborate with the team, ensuring the seamless integration of mechanical and mechatronic elements into the overall design.

### Relevant Skills and Expertise

My studies have provided me with a solid foundation in mechanical engineering, complemented by expertise in computer science and software development. I am confident in my ability to contribute to the design, testing, and optimization of the innovative Moth prototype, particularly in control systems and performance enhancement.

### Conclusion

In conclusion, I am excited about the prospect of joining the PoliMi Sailing Team and contributing to the development of an innovative and sustainable Moth prototype.

My dedication, skills, and passion for engineering make me a valuable asset to the team.

I am eager to discuss my potential contributions further.

Sincerely,

Tommaso Bocchietti