Tommaso **Bocchietti**

MECHANICAL ENGINEERING STUDENT AT POLITECNICO DI MILANO

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"Get things done!"

Education

Politecnico di Milano   *Milan, Lombardy, Italy*

MASTER'S DEGREE IN MECHANICAL ENGINEERING (FIELD OF MECHATRONICS AND ROBOTICS)   *Sep. 2023 - PRESENT*

Politecnico di Milano   *Milan, Lombardy, Italy*

BACHELOR'S DEGREE IN MECHANICAL ENGINEERING   *Sep. 2020 - Jul. 2023*

- Selected for participating in the "Pro Hackin' Project 2023", in collaboration with "RIMAC Automobil"
  Project task: Personal Transportation Vehicle - Sidewalk vehicle
  Chosen by the company as the winning team
- Selected for competing at SWERC 2021 (A.Y.2020/21)
- Third place in an internal coding competition using MATLAB (A.Y.2020/21)

Scientific High School "Paolo Giovio"   *Como, Lombardy, Italy*

HIGH SCHOOL DIPLOMA, SCIENTIFIC   *Sep. 2015 - Jun. 2020*

- Italian Physics Olympiad: admitted to regional selection (Feb. 2019)
- Italian Informatics Olympiad: admitted to regional selection (Apr. 2019, Apr. 2018)
- Italian Mathematics Olympiad: admitted to local district selection (Feb. 2017)

Skills

Personal	Analytical Skills, Problem-Solving, Leadership, Manual dexterity
Engineering Software	MATLAB, CATIA, SolidWorks, Inventor
Programming	Python, PHP, MySQL, C
Languages	Italian (Mother tongue), English (Limited Working)

Experience

Orienteering Como   *Lombardy, Italy*

MAPPER   *May. 2018 - PRESENT*

- Responsible for the society's cartography.
- Drawn several new Orienteering maps using the International Symbols Specification.
- Handled many homologation iter with the official Italian Federation for this sport.
- Developed a cloud-based architecture to facilitate the access and use of the map archive to all the members of the society.

Confedilizia Como   *Como, Lombardy, Italy*

SOFTWARE DEVELOPER   *Apr. 2020 - Feb. 2021*

- Responsible for the development and distribution of a new software needed by the association.
- Developed the computer software for the specific needs and requests from the client.
- Developed the web platform (front-end & database) for the secure distribution of the software to requesting clients.

Ennova Research   *Lomazzo, Lombardy, Italy*

WEB PROGRAMMER   *Jun. 2018*

- Period of internship for the "Alternanza Scuola Lavoro" national project.
- Developed a dynamically generated web page using Node.js and JavaScript.

Extracurricular Activity

Italian Orienteering Committee   *Italy*

IT TECHNICIAN   *Nov. 2018 - PRESENT*

- Organizational IT aid at major Italian Orienteering Events.
- 5 Days of Italy (Jul. 2022 - PRESENT)
- International MeetingOfVenice (Nov. 2018 - PRESENT)

Orienteering Como   *Lombardy, Italy*

Events Organizer   *Gen. 2017 - PRESENT*

- Educational and promotional outings in the role of instructor (mainly for schools or local association).
- Organizer playing key roles (controller or course-setter) in smaller events such as promotional or regional competitions.

Orienteering Como   *Como, Lombardy, Italy*

Council Members   *Sept. 2021 - PRESENT*

- Member since Feb. 2016
- Council Member since Sept. 2021

Honors & Awards

2023	**Merit Exemption**,	*Milan, Italy*
2022	**Merit Exemption**,	*Milan, Italy*
2021	**Best Freshman Award**,	*Milan, Italy*

Presentation

Online Webinar by F.I.M.A.A COMO   *Online*

Presenter for <CONTRATTI A CANONE CONCORDATO>   *16 Feb. 2021*

- Explained the importance of a computer based system to efficiently generate the new type of real estate contract.
- Demonstrated the app developed for Confedilizia Como as a potential solution for compliance with new laws.

Certifications

23 Aug. 2023 - TOEFL Score: 90/120
12 Jun. 2023 - TOEIC Score: 975/990

Hobby & Personal interests

Projects	• Gorlu the printer | Joppo the rotor | Model rockets • …many more on my website …
Bike travelling	• Como - London, 1200km+ (Sept. 2021) • Como - Barcelona, 1100km+ (Aug. 2023)
Sports	• Orienteering (practiced since 2016) • Tennis (played for 8 years)
Nature	• Camping • Mountain hiking