

Martín Daniel Salinas Boloña

Mechanical Engineering

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Objective

- *Mechanical Engineering student with a solid devotion to engineering excellence. I strive for opportunities to use my knowledge and skills in the field. I am motivated by innovation and the desire to contribute to engineering, always pursuing continuous improvement and personal growth.*

Education

- 2021–2026 **Mechanical engineering**, Pontificia Universidad Católica de Chile, Santiago, Chile.

Work Experience

- 2025 **Research**, Undergraduate research project on erosion under turbulent flow.
- 2025 **Course assistant**, ICM2503 Manufacturing processes.
- 2024 **Course assistant**, ICM2803 Dynamics of mechanical systems.
- 2022 **Research**, Undergraduate research project on the cost-effective manufacturing of a cycling power meter using strain gauges.

Skills

- **Technical Skills:** CAD and CAM software, MATLAB, Python, microelectronics, and Microsoft Office.
- **Soft Skills:** Communication, Teamwork, Problem-solving, and Proactivity.
- **Languages:** Spanish, native, and English, B2 level.

Certifications

- English B, High level – International Baccalaureate, 2020
- First Certificate in English, Level B2 – Cambridge Assessment, 2018

Awards and Honors

- Bronze medal in the 2020 Chilean Physics Olympiad.
- National champion in Olympic cross-country, 2016

Extracurricular Activities

- Mountain bike racing, 2010–2025
- FPV drone racing and video capture, 2023–2025