# Pau Climent Salazar


- Year of birth: 2002
- City of residence: Barcelona
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- Portfolio: https://paucliment.github.io/


## Education

- *Scientific and technological baccalaureate* at Pàlcam School (baccalaureate grade of 9.29).
- Currently in the 3rd year of the *Aerospace Technologies Engineering Degree* at the ESEIAAT campus of UPC (expected graduation in June 2024).

## Experience

- *CAD freelance design*: I created custom designs for racing drone components on demand. On one occasion, I designed an action filming drone frame for a client.
- *Formula Student at UPC ecoRacing:* I joined the team in late 2021 as a control engineer in the autonomous driving department developing and implementing new control algorithms and optimizing them. Shortly after, I joined the business plan team, assessing the feasibility of a business model and presenting the idea to investors. After months of work, we achieved 2nd place in Formula Student Spain. One year later, I took over as the coordinator of the autonomous driving department, a position I hold to this day with great responsibility.

## Technical skills

- *Control Engineering*: formally introduced in the classroom with classical control theory and further explored within ecoRacing through digital control theory, predictive control, and control techniques using Machine Learning.
- *Fluid Mechanics:* knowledge of both aerodynamics and internal flow and heat transfer, learned during the degree program and further deepened through personal and university projects.
- *Programming and scripting languages* such as C++, Python, and MATLAB.
- *CAD and design*: Fusion360, SolidWorks, and Inkscape.
- *Office skills*: LaTeX, MS Office suite, Adobe Photoshop, etcetera.

## Personal competences

- *Personal and project organization.*
- *Capacity for learning and adaptation.*
- *High curiosity to explore new disciplines.*

## Languages

- *Catalan*: native language.
- *Spanish*: mother tongue.
- *English*: fluid, Advanced certificate with C2 grade.
- *French*: 4 years of studies, basic level.