

Miquel Altadill Llasat

AEROSPACE ENGINEER · BIRTH DATE: 13/11/1997

Rue Auguste Simon, 94700 Maisons-Alfort, France

☎ (+34) 652 378 164 | ✉ miquel@altadill.com | 🏠 miquel.altadill.com | 📱 Maikuelet | 📺 MiquelAltadill

M.Sc in Aeronautical Engineering strongly committed to solve new technological challenges that society brings to us. My aspiration is to be involved in projects that require the most of me and the cooperation of extraordinary teams of people to push the limits of technology and science, especially in projects that involves programming, design and simulation.



Relevant Experience

SAFRAN AE

PARIS, FRANCE

AERODYNAMIC & ACOUSTIC INTEGRATOR - FULL TIME

Jan. 2023 - Present

- Carry out studies to assess the aircraft's aerodynamic performance and in particular the aerodynamic and acoustic effects coupled with the installation of the propulsion system on the aircraft.
- Meet installation needs of the aircraft manufacturer customer and carry out feasibility studies and experimental analyses.
- Participating in architectural choices in support of product architects, define and guarantee the control and reduction of risks related to aerodynamic interactions.

Dassault Systèmes

STUTTGART, GERMANY

AEROSPACE & DEFENSE - INTERNSHIP

Dec. 2021 - Dec. 2022

- Development of new simulation workflows in the Aerospace industry, integrating CAD design and physics simulation (MODSIM).
- Perform low- to high-fidelity CFD simulations of high-lift aircraft aerodynamics together with R&D to improve PowerFLOW discretization tools.

JABIL Packaging Solutions

TARRAGONA, SPAIN

PROJECT MANAGEMENT - INTERNSHIP

June 2018 - Sep. 2018

- I worked as an internal trainee in all the different sections of one of the most important packaging production lines in Spain. I learned CAD and CAM from senior engineers and technicians, working directly with mold injection machines and their operators.
- The possibility of working in this sector gave me advanced knowledge in mould design engineering and the production process.

Education

MSc in Aerospace Engineering

STUTTGART, GERMANY

UNIVERSITÄT STUTTGART (US)

Sep. 2020 - Sep. 2021

- Final thesis about Numerical investigations (2D URANS) of flow past a square cylinder at the ITLR department with the UC-Davis collaboration
- European Mobility Program

POLYTECHNIC UNIVERSITY OF CATALONIA (UPC)

Sep. 2019 - Sep. 2020

- Specialisation in Aerospace Vehicle Design

BSc in Aerospace Vehicle Engineering

BARCELONA, SPAIN

POLYTECHNIC UNIVERSITY OF CATALONIA (UPC)

Sep. 2015 - Sep. 2019

- Final thesis about Computational Fluid Dynamics and Heat and Mass Transfer at CTTC in UPC - ESEIAAT
- Specialisation in Computational Engineering

Technical Skills

CFD & Simulation

POWERFLOW | ANSYS CFX - FLUENT - ICEM | PARAVIEW | MBSE | CAMEO | FMK

CAD - CAM & CAE Design

3DX PLATF. | SOLIDWORKS | CATIA V5 | AUTOCAD | SIEMENS NX | HYPERMILL

Programming

MATLAB | PYTHON | C | C++ | HPC | R | HTML | BASH | ARDUINO | SIMULINK

Data Science

TENSORFLOW | SCIKIT LEARN | PYTORCH

Design & Illustration

ADOBE ILLUSTRATOR | GIMP | INKSCAPE | SKETCHBOOK | SKETCHUP | LIGHTROOM

Web Development

HTML / CSS | WORDPRESS | SQL | SEO | BOOTSTRAP | WEB-SERVICES | REST

Languages

- C2 **Spanish** - Native Proficiency
- B2 **English** - First Certificate
- B1 **German** - DTZ
- C2 **Catalan** - Native Proficiency

Others

- B1 **Driving License** - With own Car
- ISSA **Windsurfer** - Level 2
- FCF **Football Player** - Federated