



Jacob Abdelfatah
M.Sc. Mechanical Engineer

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📅 01/08/90

☎ +34 652 427 052

📁 Computational Fluid Dynamics

gmsk

FreeFEM

Salome

Paraview

Ansys Fluent

📁 Numerical Analysis

Matlab

Scilab

📁 Mechanical Design

Ansys Mechanical

Catia v5

SolidWorks

FreeCAD

Autocad

LibreCAD

Education

Since September 2017 **PhD. Mechanical Engineering**
[Universidad de Las Palmas de Gran Canaria](#) Las Palmas de Gran Canaria
Modelling and simulation of scaffolds developed by means of additive manufacturing and biomaterials.

From September 2008 to June 2017 **M.Sc. Mechanical Engineering (Ingeniería Industrial Superior)**
[Universidad de Las Palmas de Gran Canaria](#) Las Palmas de Gran Canaria

Thesis

3D numerical simulation of the air and temperature flow in a premises. Recognized with distinction and presented in the 2nd Global Conference on Applied Computing and Engineering.

Work experience

From March 2020 to March 2022 **Technical Support Staff** [SIANI Las Palmas de G. C.](#)
Tasks related to the management of databases, reports for request of research projects, maintenance of equipment, the website of the institute, organization of conferences, etc.

From May 2019 to May 2020 **Researcher** [FULP \(Research Aid Fund 2019\)](#) Las Palmas de Gran Canaria
Modelling and simulation of scaffolds developed by means of additive manufacturing and biomaterials.

From February 2018 to March 2018 **Assistant Professor**
[Universidad de Las Palmas de Gran Canaria](#) Las Palmas de Gran Canaria
Introduction to 3D simulations with open source software and thermal fluid applications in buildings.

From October 2017 to January 2018 **Researcher**
[SIANI](#) Las Palmas de Gran Canaria
3D numerical simulations of coastal areas, both in surface around buildings, as well as calculation of marine currents in the sea.

Languages

English

Spanish

Skills

Teamwork

Comunicative skills

Leadership