Jacobo González Baldonedo

Industrial Engineer · Numerical Simulation



interests

Programming, engineering, optimization, artificial intelligence, data science, databases, traveling

education

since 2018 PhD student

Study of damage and remodeling models for bone tissue.

birth	
29/7/1995	

contact

tn ∠ 95

2017-19 **Master's degree in Industrial Mathematics** Intensification in Numerical Simulation

University of Vigo

University of Vigo

University of Vigo

University of Vigo

FEA and CFD

★ Carretera de Vigo, B2, 3º-C 32001 Ourense, Spain

2013–17 Degree in Industrial Technologies Engineering

□ (+34) **663 966 144**

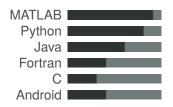
courses

☑ jacobo.baldonedo@gmail.com	2019	Design , development and administration of databases SQL	University of Vigo
ORCID: 0000-0002-0377-7208	2018	Complete Guide to TensorFlow for Deep Learning with Python	Pierian Data
languages Spanish (mother tongue)	2017	A Hands-on Introduction to Engineering Simulations	Cornell University
Galician (mother tongue) English (C1)	2017	Introduction to FEM and CFD with ANSYS	University of Vigo

FEM intensification

programming

Portuguese (Basic)



experience

2016

since 2016 **Department of Mechanical Engineering, UVigo**Research in numerical simulation and optimization

teaching

Software ANSYS (Mechanical & Fluent) SolidWorks MATLAB Nastran-Patran Git LATEX

2019	Machine Design I 3 rd Degree in Mechanical Engineering - 24h	University of Vigo
2018	Mechanism and machine theory 2 nd Degree in Industrial Organization Engineering - 72h	University of Vigo

Fundamentals of Technical Design with SolidWorks

research

personal skills

Responsible, good time management, teamwork

Analysis of Damage Models for Cortical BoneApplied sciences

Optimization of the Auxiliary-Beam System in Railway Bridge Vibration Symmetry

Numerical Analysis of an Osseointegration Model Mathematics