CONTACT

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Las Palmas de Gran Canaria, Spain

KNOWLEDGE

- Graduated in Industrial Engineering, specializing in Mechanical Engineering.
- Processing and analysis of biomedical data using Python.
- Proficient in ROS for robots.
- Design and simulation of control systems and process automation.
- Use of machine learning algorithms for hyperspectral image analysis.

LANGUAGES

- English: C1
- French: B1
- Spanish: Native

PROGRAMS

- Pack Autodesk
- Pack Office
- Ansys
- Pack Inspire
- Matlab
- ROS

PABLO ANDRÉS CABALEIRO NODA

PRESENTATION

As a graduate student in Mechanical Engineering, I am passionate about research and constantly seeking innovative solutions to tackle challenges. I enjoy working in teams, collaborating with fellow professionals, and sharing knowledge to achieve more robust results. Additionally, I have a keen interest in learning from other cultures, as I believe diversity enriches our perspectives and provides unique opportunities for personal and professional growth. My greatest satisfaction lies in tackling challenges and overcoming obstacles through innovation and creative thinking.

EDUCATION

University of Las Palmas de Gran Canaria, Spain (2019-2023)

- Graduated in Technical Industrial and Mechanical Engineering. GPA: 3.156. Final Proyect note: 9,6 out of 10.

INTERNSHIP

Research internship in the HELICoiD research team at IUMA

- Research on hyperspectral imaging and artificial intelligence-guided robotic surgery.
- Development of computer models and simulations for biomedical system analysis.
- I have gained specific skills and knowledge in the field of biomedical engineering: programming in Python and mastery of the ROS system.
- Collaboration with other members of the research group to exchange knowledge.

PROFESSIONAL EXPERIENCE

Academic support teacher for school and university

- Taught mathematics, physics, and chemistry to students of different academic levels, including preparation for university entrance exams and tests.
- Provided detailed and constructive feedback to identify strengths and areas for improvement for their academic performance.

INDEPENDENT WORK

- I developed skills for programming in Python and using the ROS system on the Universal Robot UR5e robot.
- I calibrated a robotic arm (Universal Robots UR5e model) using artificial intelligence.
- I categorized hyperspectral images using Deep Learning.

SPORTS

- Surf and Basketball.