

Daniel Nieto

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EDUCATION

Msc. in Control and Robotics - Advanced Robotics	2019 - 2021
École Centrale de Nantes	Nantes, France
Msc. in Robotics Engineering	2019 - 2021
Università Degli Studi di Genova	Genova, Italy
Bsc. in Intelligent Mobile Systems	2016 - 2019
Jacobs University Bremen Minor in Computer Science.	Bremen, Germany

EXPERIENCE

R&D Robotics Engineer	Dec 2023 - Present
Les Companions	Lille, France
R&D Robotics Engineer	Dec 2021 - Nov 2023
IMT Nord Europe / Les Companions	Douai / Lille, France
Development of task, trajectory, and motion planning pipelines for an autonomous painting robot while dealing with kinematic redundancies and constraints, environment collisions, and uncertainty. Sensor calibration, paint spray modeling, HMI and software development.	
Master Trainee	Feb 2021 - Jul 2021
Inria	Sophia Antipolis, France
Robotics Research Assistant	Mar 2019 - Jul 2019
Jacobs University Bremen	Bremen, Germany
Teacher Assistant	Oct 2017 - Jul 2019
Jacobs University Bremen	Bremen, Germany
Courses: Automation, Computer Architecture and Programming Languages, C Programming I and II, General Intelligent Mobile Systems II	
Chief Counselor General	Jun 2012 - Aug 2020
Camping Shangrila	Caracas, Venezuela

SKILLS

C++ C ROS MoveIt OpenCV Python Matlab Simulink Gazebo Linux LaTeX 3D Printing
Qt PX4 CAD Git PHP Java Arduino Raspberry Pi MySQL HTML CSS JavaScript

PROJECTS

Autonomous Take-off and Landing of UAVs on a Mobile Robotic Platform	Spring 2021
MSc. Thesis in Advanced Robotics.	
3D Localization and Mapping Post-Processing of Stereo Image Sequences	May 2019
BSc. Thesis in Intelligent Mobile Systems.	

LANGUAGES

Spanish	Native or bilingual proficiency	English	Native or bilingual proficiency
French	Limited working proficiency	German	Limited working proficiency
Italian	Limited working proficiency		

CERTIFICATIONS

SCUBA Diving

Advanced Open Water Diver (SNSI, 2018)
Underwater Navigation (SSI, 2012)

Night Diving (SSI, 2012)
Open Water Diver (SSI, 2010)