

Ana Aníbarro Blanco



Personal Data

Nationality	Valladolid, Spain
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Date of birth	15/04/1999
Current position	Max-Planck-Institut für Eisenforschung GmbH (Düsseldorf, Germany)
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About me

Graduated in Industrial Electronics and Automation Engineering at the School of Industrial Engineering of the University of Valladolid. Currently doing the thesis to complete my second master, Joint International Master in Smart Systems Integrated Solutions part of the Erasmus Mundus program, at Max-Planck Institute (Düsseldorf, Germany). The master has taken place in three different countries, being Finland (Aalto University), Norway (University of South-Eastern Norway) and Hungary (Budapest University of Technology and Economics). Moreover, I hold a master's degree in Connected Industry 4.0 at Carlos III University of Madrid.

I am a proactive, autonomous and responsible person. I possess a high capacity for work and a great ability for teamwork, being highly used to work in multicultural environments.

I'm currently looking for a position in the field of microelectronics and semiconductor industry. I have acquired wide knowledge on the design, modelling and simulation of MEMS, its characterization techniques, development and analysis of sustainable and reliable microsystems and system level design of analogue and digital hardware components. In addition to the academic knowledge of the techniques and tools specific to my field of expertise, I have knowledge in COMSOL Multiphysics, Python, LabVIEW, ANSYS, ModelSim, Cadence, Matlab, JavaScript, R, SQL, LTSPice, C++ and ROS.

Academic Background

2017 – High School Diploma

IES Julián Marías –Valladolid, Spain

Honour certificate awarded

2017-2021 – Bachelor's degree in Industrial Electronics and Automation Engineering

University of Valladolid

Sep. 2021— Jul. 2022 Master in Connected Industry 4.0

University Carlos III, Madrid

Best academic record and extraordinary prize of the Master's degree

Sep. 2022— Dec. 2022 Joint International Master in Smart Systems Integrated Solutions

Aalto University, Helsinki, Finland

Jan. 2023— Jun. 2023 Joint International Master in Smart Systems Integrated Solutions

University of South-Eastern Norway (USN), Vestfold, Norway

Sept. 2023— Dec. 2023 Joint International Master in Smart Systems Integrated Solutions

University of Technology and Economics (BME), Budapest, Hungary

Work Experience

Sept. 2020 - Oct. 2020 - Bachelor's internship at Fundación CARTIF (Valladolid, Spain)

Automation and sensor processing. Collaboration in a project with an NVIDIA development kit for training neural networks.

Jan. 2021 - Jun. 2020 - Final Thesis in Belgium

I did my last semester at the University Leuven-Limburg (UCLL) in Hasselt, Belgium. I developed my final thesis, associated with mobile autonomous robots working with ROS and point cloud processing tools.

May. 2022 - Jul. 2022 – Connected Industry master's internship at Airbus (Getafe, Madrid)

Design, development, and validation of an Automated Drilling Cell process monitoring and statistical control system.

Jan. 2024— Jun. 2024 Max-Planck-Institut für Eisenforschung GmbH (Joint International Master in Smart Systems Integrated Solutions Thesis) (Düsseldorf, Germany)

Design and simulation of 3D printed metal MEMS based load sensor and electrostatic actuator, intended for use in mechanical testing of nanomaterials.

Language Certificates

2013 – FIRST CERTIFICATE IN ENGLISH (B2 CAMBRIDGE)

While I was in the 2nd year of secondary school, I obtained a B2 level in English.

2015 – ADVANCED CERTIFICATE IN ENGLISH (C1 CAMBRIDGE)

I also have a C1 Certificate in English. I am very fluent and has been the language used for all my master's studies, as well as my recently work experience and daily life.

Other relevant information

I did the equivalent of the 4th year of secondary school in Galway, a small town on the west coast of Ireland. There I lived with a local family and attended St. Endas College.