

# Rodrigo Ladero García

## Industrial Engineer

### Professional Profile

*Ambitious, energetic and organized Industrial Engineer with experience in power energy control systems. Interested and studious of the current and future scientific and technological paradigms. I am excellent in working with other people and I feel very comfortable with presentations in*

### Education

#### Degree in Industrial Engineering

Automation and Electronics Specialization  
*Universidad Politécnica de Madrid 2013 - 2019*

#### Master's Degree in Industrial Engineering

Automation and Electronics Specialization  
*Universidad Politécnica de Madrid 2019 - 2020*

#### Master's Degree in Automation Engineering and Robotics

*Universidad Politécnica de Madrid 2019 - 2020*

### Professional Experience

#### Internship in Control of Electromechanical Systems for its implementation Geostationary Satellites

Application of algorithms and testing of the scanning mechanism unit SCAU (Scan Assembly Unit) and its electronic unit SCAE (SCAN Assembly Electronics) of Meteosat Third Generation system in collaboration with European Space Agency (ESA)  
*SENER Aeroespacial March - September 2019*

#### Summer Internship in Distributed Control Systems for Industrial Processes

Design and implementation of PCS7-based control architectures for energy sector processes  
*SIEMENS AG June - September 2019*

#### Internship in Control and Direction of Industrial Projects and Energy Production Plants

Detailed Design, Qualification and Supply of the Central Safety System-Nuclear (CSS-N) for First Plasma of the Nuclear Fusion Facility  
*Empresarios Agrupados International September 2019 - At present*

### Projects

#### Degree Final Project: Development of an Autonomous Driving Vehicle in collaboration with SEAT

*CSIC, CAR-UPM May 2018 - February 2019*

#### Master's Degree Project: Modeling and control by artificial intelligence of a steam turbine installation for energy production

*CAR-UPM September 2019 – At present*

#### Master's Degree Project: RAMI analysis (Reliability, Availability, Maintainability and Inspectability) of the Safety Control System - Nuclear (SCS-N) of the International Thermonuclear Experimental Reactor (ITER)

*Empresarios Agrupados International September 2019 – At present*



Madrid, Spain



+34680153480



[rodrigo.ladero.garcia@gmail.com](mailto:rodrigo.ladero.garcia@gmail.com)

### PERSONAL INFORMATION

Date of Birth 28/01/1995

Nationality Spanish

LinkedIn  
[www.linkedin.com/in/rodrigo-ladero](https://www.linkedin.com/in/rodrigo-ladero)

### LANGUAGES

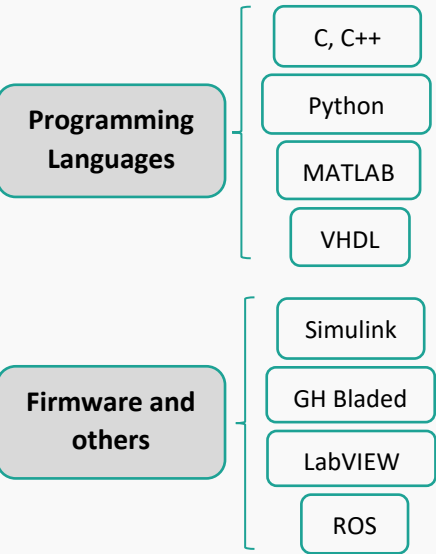
Spanish Native speaker

English Advanced level C1

French Basic level B1

German Currently studying

### SOFTWARE SKILLS



### COURSES AND OTHERS

Artificial Intelligence for Robotics  
*Georgia Institute of Technology*

Member of European Students of Industrial Engineering

Sustainable Urban Freight Transport  
*Delft University*