

# JENNIFER J. | GAGO



- » **Languages:** Spanish (native language), English (CAE: C1, IELTS: C1), French (B1), Lithuanian (A1), German (A1)
- » **Awards:** GUL UC3M Best Python Programmed Bot (2018), INDRA Best Innovative UN SDG idea (2018)

## »» Education

### 2019 / 09 - Ongoing - UNED Bachelor's in Philosophy

- » ECTS: 60; Average: 8.9/10
- » Foreign Language: German I, Level: A1

### 2018 / 09 - 2020 / 02 - University Carlos III of Madrid MSc Robotics and Automation

- » ECTS: 90 (9 with Honours); Average: 9.37/10
- » MSc Final Project: Sign Language Representation by TEO Humanoid Robot

### 2016 / 09 - 2017 / 06 - Vilnius Gediminas Tech University Erasmus+ Exchange: Industrial Engineering

- » ECTS: 81; Average: 9.86/10
- » Lithuanian Language Course, Level: A1

### 2015 / 08 - 2016 / 01 - Edinburgh Napier University Free Mover Exchange: Industrial Engineering

- » ECTS: 30; Average: 8.5/10
- » SAAS Scholarship: Unstructured engineering program

### 2013 / 09 - 2018 / 06 - University Carlos III of Madrid BEng (Hons) Industrial Technologies Engineering (Intensification in Electronics and Automation)

- » ECTS: 254 (59 with Honours); Average: 8.04/10
- » BEng Final Project with Honours: Development and integration of an anthropomorphic robotic hand in the humanoid robot TEO

### 2000 / 09 - 2010 / 06 - Alcobendas School of Music Piano and Music Theory

- » Music and movement (I-IV); Music theory (I-III); Introduction to Piano (I-IV); Piano (I-VI)
- » 2009/10 Piano Group (2nd Stage)

## »» Summary

I am an Industrial Engineer specialized in Robotics, pursuing a Bachelor's in Philosophy and working as an engineer in the MathWorks EDU Team. I have worked with X-ray mobile equipment at Siemens R&D, as a MATLAB Ambassador and as a researcher in UC3M RoboticsLab.

About my hobbies: musical instruments, rugby, reading, and traveling. Looking for the opportunity to grow as a professional and to further develop my knowledge and improve my abilities and initiative in my fields of study.

- » **Tech. / Software:** SolidEdge, FreeCAD, ROS, YARP, TIA Portal, Unity Pro, MATLAB, Simulink, Robotstudio, OpenRave, SAP, OrCAD, KiCAD, CAN Bus, GitHub, GitBook
- » **Programming Languages:** MATLAB, C, C++, Python, HTML, Markdown, RAPID

## »» Experience

### 2019 / 10 - Ongoing - MathWorks Academic Technical Specialist Engineer

- » Collaboration with academic community projects to leverage MATLAB and Simulink for STEM higher education and research
- » Outcomes: 1 scientific paper (pending publication)

### 2018 / 03 - 2020 / 02 - University Carlos III of Madrid Research Assistant at RoboticsLab

- » (1) Adaption of my BEng final project robotic hands to the humanoid robot TEO and (2) application of artificial intelligence, neural networks and artificial vision in humanoid Sign Language representation
- » Outcomes: 4 scientific papers and dissemination activities

### 2017 / 10 - 2019 / 07 - MathWorks MATLAB Student Ambassador

- » Management and conduction of seminars / workshops on campus with MATLAB, Simulink and electronic hardware
- » Collaboration with MathWorks Minidrone Competition at IROS 2018

### 2017 / 06 - 2018 / 02 - Siemens Healthineers Intern at the RD Department — Mobile X-Ray Equipment

- » Management and development support of X-ray equipment projects
- » Implementation and monitoring support of product life cycle R&D processes, battery tests and documentation

### 2016 / 06 - 2016 / 07 - University Carlos III of Madrid Intern at the Department of Systems and Automation

- » Operating, maintenance and generation of technical documents for Prusa i3 3D printers
- » Outcomes: 2 technical documents