

Jennifer J. Gago

Senior Industrial Engineer specialized in Robotics

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Work Experience

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| May 2023 - Ongoing | Senior Customer Success Engineer <i>MathWorks</i> <ul style="list-style-type: none">• Lead and collaborate in curriculum, research and commercial projects to leverage computational tools.• Europe, Middle East, and Africa EDU Lead for Robotics and Autonomous Systems. |
| Oct 2019 - May 2023 | Customer Success Engineer <i>MathWorks</i> <ul style="list-style-type: none">• Develop account and territory plans to help institutions adopt STEM tools.• Prepare and deliver presentations, demonstrations, and application examples. |
| Mar 2018 - Feb 2020 | Academic Researcher <i>RoboticsLab - Universidad Carlos III de Madrid</i> <ul style="list-style-type: none">• Research in AI, computer vision, mathematical modeling, anthropomorphic robotic hands.• Project: Sign language learning and representation by TEO humanoid robot. |
| Oct 2017 - Sep 2019 | MATLAB Ambassador <i>MathWorks</i> <ul style="list-style-type: none">• Design and conduction of technical seminars / workshops on campus.• Media creation to spread knowledge about the use of MathWorks tools. |
| Jun 2017 - Feb 2018 | Systems Engineer Trainee <i>Siemens Healthineers</i> <ul style="list-style-type: none">• Management and development support for X-ray equipment projects and products.• Implementation and monitoring support of product life cycle processes. |
| Jun 2016 - Jul 2016 | 3D Printing Technician <i>Systems and Automation Department - Universidad Carlos III de Madrid</i> <ul style="list-style-type: none">• Technical testing and maintenance of Prusa i3 3D printers from ASROB-UC3M.• Generation of technical documents: technical guide and user guide. |

Education

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| Sep 2019 – Ongoing | Bachelor's in Philosophy <i>Universidad Nacional de Educación a Distancia</i> |
| Sep 2018 – Feb 2020 | MSc Robotics and Automation <i>Universidad Carlos III de Madrid</i> |
| Sep 2013 – Jun 2018 | BEng (Hons) Industrial Technologies Engineering <i>Universidad Carlos III de Madrid</i> |
| Sep 2016 – Jun 2017 | BEng (Hons) Industrial Technologies Engineering - Erasmus+ <i>Vilnius Gediminas Technical University</i> |
| Sep 2015 – Feb 2016 | Unstructured Engineering Program <i>Edinburgh Napier University</i> |

Project Management, Leadership and Teamwork Experience

- Estimation and plan for appropriate effort hours for engagements and other projects.
- Recognition of stakeholder roles and execution of engagements and other projects in a timely manner.
- Prioritization of engagements based on various criteria including nature of accounts.
- Use of planning process tools (e.g. Project Charter, MDR, Trello, Salesforce, GitLab, Highspot).
- Establishment of clear and realistic project scopes, including SMART goals and demonstrable measures of success.
- Consistent consideration of preparation and follow-ups, related to day to day activities.
- Proactive contribution to team's evolution for success and to cross-functional projects..
- Collaboration across offices / regions WW in curriculum / research projects related to trending programming tools.

Languages

- Spanish: Native proficiency.
- English: Full professional proficiency. IELTS Overall Band: 7.5. Certificate in Advanced English: C1.
- French / Lithuanian: Elementary proficiency.

Programming Languages

MATLAB, C/C++ , Python, HTML, CSS, JavaScript, RAPID.

Relevant Certificates

- Front-End Development (140h) - Samsung Electronics
- App Building Onramp (1h) - MathWorks
- Deep Learning with MATLAB (14h) - MathWorks
- Machine Learning with MATLAB (12h) - MathWorks
- Reinforcement Learning Onramp (3h) - MathWorks
- Creating Powerful Presentations (10h) - MathWorks
- Creating Screencast Videos that 'Wow' (9h) - MathWorks
- Influence and Persuasion Workshop (3h) - MathWorks
- Emotional Intelligence (3h) - MathWorks
- Quality Management (38h) - VGTU
- Financial Accounting (20h) - Wharton Business School
- Configuration Management (8h) - AIRBUS

Latest Publications

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| 2023 | | 1. | Del Olmo Jon; Aizpuru, I. & Gago, J. Teaching Model-Based Systems Engineering with MATLAB & Simulink for Smart Energy Systems. <i>SAAEI</i> (2023). |
| 2021 | | 2. | Fernández-Fernández Raúl; G Victores, J. & Gago, J. Neural Policy Style Transfer. <i>Elsevier</i> (2022). |
| 2021 | | 3. | Arrieta Aitor; Bellido, G. & Gago, J. From simulation to reality: Methodology for learning cyber-physical systems. <i>JENUI</i> (2021). |
| 2020 | | 4. | Gago Jennifer; Łukawski, B. & G. Victores, J. Under-Actuation Modelling in Robotic Hands via Neural Networks for Sign Language Representation with End-User Validation. <i>IDEAL</i> (2020). |

Awards

- Award-winning project for the best Python programmed Bot - GUL UC3M Hackathon
- Award-winning project for the best innovative project - 1st Indra Hack Day