Juan Manuel **García Delgado**

COMPUTER SCIENCE · MATHEMATICS

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Education

University of Málaga *Málaga, Spain*
BACHELOR'S DEGREE IN COMPUTER SCIENCE *September 2019 - June 2024*
- Studied at Universidade Federal Fluminense, *Rio de Janeiro (Brazil)* as part of the program.

University of Málaga *Málaga, Spain*
BACHELOR'S DEGREE IN MATHEMATICS *Septembre 2019 - December 2024*
- Studied at Universidade Federal Fluminense, *Rio de Janeiro (Brazil)* as part of the program.

Skills

Mathematics	Mathematical Analysis, Algebra, Probability and Statistical Inference, Numerical Methods, Optimization
Front-end	React, HTML5, CSS, JavaScript
Programming	Python *(numpy, matplotlib, pyautogui, optimize, deap)*, Java, Apex, C, C++
Others	Linux, Salesforce, Git, Bitbucket, Jira, Tableau, Power Bi, Excel
Databases	MySQL, OracleSQL, MariaDB
Languages	English *(B1 Cambridge, working on C1)*, Spanish *(Native)*, Portuguese *(B1/B2 level unaccredited)*
Soft Skill	Problem Solving, Self-learning, Leadership, Critical Thinking, Team Collaboration.

Work Experience

Freepik Company *Málaga, Spain*
SALESFORCE DEVELOPER *June 2023 - March 2024*
- Development of Lightning Web Components, such as account indicators with child accounts, integration with Slack and Jira, search features, modals, and more.
- Integration of Salesforce with Jira, development of components for synchronization and comments via HTTP/webhooks.
- Implementation of methods to support the internal API.
- Creation of flows, custom objects, and fields.
- Creation of reports and dashboards.
- Implementation of comprehensive unit tests for each Apex controller, following best practices.
- Improvement of efficiency and optimization of the company's support website, allowing for more accurate results.

Freelancer *Málaga, Spain*
PRIVATE TUTOR *2021 - 2023*
- Tutored students in various subjects, including Mathematics for Economics and Business, Statistics and Probability, and Physics.

Honors & Awards

EDUCATION

2019	**Finalist**, Real Maestranza de Ronda - Hights Honors	*Ronda, Spain*
2024	**Honors: 10**, Bachelor's Thesis in Computer Engineering	*Málaga, Spain*

Projects

Implementation of Artificial Intelligence Models for Optimizing Energy Self-Consumption and Minimizing Grid Discharges

BACHELOR'S THESIS IN COMPUTER ENGINEERING
- Implementation of dynamic coefficients in shared solar energy self-consumption communities.
- Data analysis of users in Ireland to assess the impact of these coefficients on different user profiles and larger samples.
- Development of a custom optimization model to initialize the SLSQP algorithm from Python's minimize library.
- Use of optimization models and data analysis in Python.

Development of a Machine Learning System for People Recognition

PEOPLE RECOGNITION PROJECT
- Designed and implemented a machine learning system capable of recognizing individuals from images and videos.
- Utilized advanced computer vision techniques and deep learning models to improve accuracy and performance.
- Developed the project using Python, leveraging libraries such as TensorFlow and OpenCV.
- Conducted extensive testing and validation to ensure robustness and reliability in various conditions.

Personal Minor Projects and University Assignments

PERSONAL GITHUB REPOSITORY
- Storage of personal minor projects for practice and development.
- A diverse range of projects, including coding exercises and small applications.