

Sofía Martínez

Profile

Sofía is a researcher passionate about the use of data and evidence to fight poverty and inequality. Originally coming from the field of physics, she is now deploying her analytical skills in international development. She has experience in academic research and data analysis for product development, as well as management of non-profit projects in developing countries. At Rowsquared, she implements machine learning algorithms to improve survey processes.

Professional Experience

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| 2022 to date | RowSquared
<i>Analyst Intern</i> |
| 2021 | Nasco Tech Code Made in Africa
<i>Project Manager</i> <ul style="list-style-type: none">• Helped to get the company established, engaged with clients, created budgets and hired software developers.• Set and guided a visit to the projects in Ghana for Spanish executives. |
| 2019 to 2021 | Quside
<i>Research Engineer & Project Manager</i> <ul style="list-style-type: none">• Created Python automated routines to collect data.• Set SQL databases to store actionable information.• Synthesized and represented complex data to inform strategic decisions. |
| 2018 - 2019 | ICFO - The Institute of Photonic Sciences
<i>Research Intern</i> <ul style="list-style-type: none">• Designed and conducted experiments in physics.• Published <i>Rombaut et al. ACS Photonics 2021</i> as second author. |

Education

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| 2021 - 2022 | MITx Online
MicroMaster's in Data, Economics and Development Policy |
| 2018 - 2019 | University Pompeu Fabra (Spain)
MSc Multidisciplinary Research |
| 2014 - 2018 | Polytechnic University of Catalonia (Spain)
BSc Physics Engineering |

Languages

Spanish (Native), English and Catalan (Fluent), French (Basic)

Countries of Work Experience

Ghana, Spain

Skills and Software

Python, STATA, R, MS Excel, SurveyCTO.

Project Experience

Project	Covid-19 Tweets Sentiment Analysis and Classification
Client	Personal Project
Year	2021
Country	Global
Details	As part of a Bootcamp in Artificial Intelligence I implemented an unsupervised algorithm in the field of Natural Language Processing to classify sentiments in tweets about covid.
Role	Data Analyst