ERIKA SÁNCHEZ-FEMAT

EMPLOYMENT

- Sr. Machine Learning Engineer - Konfío. Since 2024
- Associate Professor & Researcher - Instituto Politécnico Nacional. Since 2023
- Sr. Data Scientist - SoFi. 2022 - 2023
- Sr. Data Scientist - Atrato. 2022 - 2022
- Sr. Data Scientist - TrackChain. 2020 - 2022
- Sr. Research Engineer (AI) - Barcelona Supercomputing Center. 2019 - 2021

VISITS

- Instituto Politécnico Nacional - Department of Computer Science. 2022 - 2023
- Instituto Nacional de Astrofísica, Óptica y Electrónica - Department of Computer Science. November 2021
- Universidad Nacional Autónoma de México - Department of Mathematical Applications. October 2021
- Universitat Politècnica de Cataluña - Department of Artificial Intelligence. 2019 - 2021

EDUCATION

- INFOTEC - Master's in Data Science and Artificial Intelligence. 2022
- Instituto Politécnico Nacional - Computer Science Engineering. 2017

AWARDS

- Graduated with Honors from Instituto Politécnico Nacional. 2017

PAPERS

- Simulation and Counting of Colony-Forming Units. ReCIBE. 2017
- Mobile Application for Automatic Counting of Bacterial Colonies. Springer. 2016

MINICOURSES

- Introduction to Python. Instituto Politécnico Nacional. 2024
- Introduction to Artificial Intelligence and Computer Vision. 2023

UNDERGRAD COURSES

- Statistical Tools for Data Analytics. Instituto Politécnico Nacional. 2024
- Machine Learning. Instituto Politécnico Nacional. 2024
- Artificial Intelligence. Instituto Politécnico Nacional. 2024
- Operating Systems. Instituto Politécnico Nacional. 2024
- Algorithm Analysis. Instituto Politécnico Nacional. 2023
- Systems Design. Instituto Politécnico Nacional. 2023

LANGUAGES

- Spanish - Native
- English - B2
- French - B2
- Catalan - A2