



Daniel Fernández Martínez

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**Daniel Fernández Martínez**

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Current professional situation

Employing entity: Universidad de Extremadura **Type of entity:** University
Department: Ingeniería Mecánica, Energética y de los Materiales, Escuela de Ingenierías Industriales
Professional category: Personal Científico Investigador
Start date: 04/02/2022
Type of contract: Temporary employment contract **Dedication regime:** Full time

Previous positions and activities

	Employing entity	Professional category	Start date
	Universidad de Extremadura	Técnico de Apoyo a la Investigación	01/11/2020

Employing entity: Universidad de Extremadura **Type of entity:** University
Department: Ingeniería Eléctrica, Electrónica y Automática, Escuela de Ingenierías Industriales
Professional category: Técnico de Apoyo a la Investigación
Start-End date: 01/11/2020 - 02/02/2022
Type of contract: Temporary employment contract



Education

University education

1st and 2nd cycle studies and pre-Bologna degrees

- 1 University degree:** Higher degree
Name of qualification: Máster Universitario en Simulación en Ciencias e Ingeniería
Degree awarding entity: Universidad de Extremadura
Date of qualification: 17/11/2021
- 2 University degree:** Middle degree
Name of qualification: Grado en Ingeniería Electrónica y Automática (Rama Industrial)
Degree awarding entity: Universidad de Extremadura
Type of entity: University
Date of qualification: 29/06/2020

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
English	C1	C1	C1	C1	C1

Scientific and technological experience

Scientific or technological activities

R&D projects funded through competitive calls of public or private entities

- 1 Name of the project:** Tecnología fluidodinámica aplicada al diagnóstico y tratamiento personalizado de patologías cardiovasculares de alta mortalidad
Degree of contribution: Otros Titulados
Entity where project took place: Universidad de Extremadura
Type of entity: University
Name principal investigator (PI, Co-PI....): Conrado Ferrera Llera
Start-End date: 17/06/2021 - 17/05/2024
Total amount: 121.312,4 €
- 2 Name of the project:** Ayuda al Grupo de Investigación Aplicaciones Industriales de la Inteligencia Artificial
Degree of contribution: Researcher
Entity where project took place: Universidad de Extremadura
Type of entity: University
Start-End date: 31/12/2021 - 31/12/2022



Total amount: 9.801,44 €

3 Name of the project: Predicción del consumo de energía eléctrica mediante técnicas de Machine Learning avanzadas

Degree of contribution: Technician

Entity where project took place: Universidad de Extremadura **Type of entity:** University

Name principal investigator (PI, Co-PI....): Miguel Ángel Jaramillo Morán

Start-End date: 15/07/2020 - 14/01/2022

Total amount: 40.677,14 €

Scientific and technological activities

Scientific production

Publications, scientific and technical documents

Miguel Ángel Jaramillo Morán; Daniel Fernández Martínez; Agustín García García; Diego Carmona Fernández. Improving Artificial Intelligence Forecasting Models Performance with Data Preprocessing: European Union Allowance Prices Case Study. Energies. 14 - 23, (Switzerland): 23/11/2021.

Type of production: Scientific paper

Format: Journal

Relevant publication: Yes

Works submitted to national or international conferences

Title of the work: EIIGraph: conexiones Universidad - Empresa mediante la Teoría de Grafos

Name of the conference: II Congreso Ágora Internacional de Educación, Investigación y Empleo

Type of event: Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

City of event: Madrid, Spain

Date of event: 23/11/2021

End date: 26/11/2021

Publication in conference proceedings: Yes



Other achievements

Obtained grants and scholarships

Name of the grant: Beca JAE Intro ICU

City awarding entity: Cerdanyola del Vallès, Catalonia, Spain

Aims: Introducción a la Investigación

Awarding entity: Consejo Superior de Investigaciones Científicas

Type of entity: State agency

Conferral date: 01/10/2021

End date: 10/11/2021

Entity where activity was carried out: Instituto de Investigación en Inteligencia Artificial