

**JOB OFFER**

# COMPUTER ENGINEER

## LEVEL 1 TECHNICIAN

**Position offered: Engineer in Information Technology and Telecommunications (ICT) (Computer Engineer)**  
**Offer Date: WEB Publication**  
**Project: CIIAE - Ref T1-1-05\_23 (PLANTA PILOTO)**  
**Department: Pilot Plants**  
**Expected date of incorporation: 2023**

<b>Workplace:</b>	University of Extremadura. Caceres Campus. Spain.	
<b>Tasks to be developed:</b>	<ul style="list-style-type: none"> <li>-Organization and supervision of the department. Computer support to the different areas of the Center.</li> <li>-Design and configuration of the information system, hardware architecture, communications systems, information back-up, computer and perimeter security.</li> <li>-Develop, supervise and maintain the integrity of the infrastructure, platform and applications. Ensure its correct and secure operation.</li> <li>-Network system maintenance and office system configuration.</li> <li>-IT and ERP management.</li> <li>-Hardware and software maintenance.</li> <li>-Supplier development and monitoring of ICT contracts.</li> <li>-Monitoring of the construction, assembly and commissioning of offices, laboratories and pilot plants, ensuring the correct IT implementation.</li> <li>-Providing training in the ICT area.</li> <li>-Proposal of improvements in the ICT infrastructure and equipment. Preparation of the annual budget proposal for the area.</li> <li>-Participate in the implementation of the FAIR principles for the management and administration of scientific data in the Center.</li> </ul>	
<b>Duration of the contract and salary (per annum):</b>	Temporary Contract Initial duration: September 2025, with the possibility of extension.	Gross Salary + S.S. Fees Annual gross base salary range: 27.100 € - 31.000 €
<b>Academic background required:</b>	At least a Bachelor Degree in Computer Science or Computer Engineering. Exceptionally, those who expect to obtain the required degree before August may present a candidacy, being a necessary condition for a possible incorporation to have applied for the official title before that date.	
<b>Other education:</b>		
<b>Professional experience:</b>	Not required.	
<b>Job requirements (have to be fulfilled):</b>	Specific techniques (analytical, software, calculations, prototyping, etc.)	It will be valued.
	Participation and / or collaboration in R&D&i / business projects	It will be valued.
	Experience in Research Centers / Companies	It will be valued.
	Languages	Verbal and written communication in English, level B2 or higher. Knowledge of Spanish level B2 or higher.

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	Cross-cutting competences	Demonstrated ability to work in a team and network. Communication skills. Proactive, organized and creative person. Adaptability to the workplace.
	Willingness to travel and stay abroad	Yes, occasionally.
	Publications: scientific articles, theses, conference presentations, reports, etc.	N/A

### To be evaluated (adds points to the final evaluation):

- Motivation letter, to be included in the application.
- Experience in data projects: analysis, storage, processing (ETL), visualization and interconnection.
- Security experience: Firewall, VPN, IPS.
- Ability to design, manage, maintain and monitor the ICT infrastructure of the environment (networks, servers, PCs and peripherals) in a secure and confidential manner. Ensure compliance with the LOPDGD (Personal Data Protection Law).
- Experience/knowledge in project and service management.
- Advanced knowledge of networks and low level internet operation: dns, domains, web servers, mass mail, virtualization, etc.
- Knowledge of data networks (switching, routing, multicast, OSPF, MPLS, BGP, IS-IS, Qos, RSTP and ACLs lists).
- Knowledge of TCP/IP / Ethernet stack.
- Experience in the use of Deep Learning tools.
- Knowledge in the development of ontologies and RDF language.
- Knowledge in the development of web applications.
- Experience in network management: SNMP v2/v3.
- Experience in control systems (equipment integration, maintenance, corrective actions, ...).
- Experience in the deployment, management and maintenance of SQL (MySQL) NoSQL (MongoDB) and Oracle databases.
- Ability to establish and maintain operational backup and data backup systems.
- Ability to resolve issues with hardware and software base of equipment, peripherals and servers. Installation of new equipment and peripherals.
- Knowledge and experience in Big Data.
- Experience in digital workshop and/or FabLab.
- Other technical training related to the area: courses, masters, specialization, etc.
- Knowledge of other languages, especially Portuguese will be valued.
- Stays in research centers or R&D departments. Participation and/or collaboration in R&D projects.

### Selection process details:

**Technical Test: Oral knowledge test** YES  NO

**LANGUAGE: ENGLISH ORAL** YES  NO  (Will be evaluated during the interview)

**JOB INTERVIEW:** YES  NO

### Interested parties:

Please, send all the documents requested by the terms and conditions of the call, together with all the documents requested by this job offer, with the deadline being 15 calendar days from the day following the publication in the CIIAE web, and indicating the following reference **REF. T1-1-05\_23 (PLANTA PILOTO)**.

FUNDECYT-PCTEX (Edificio Parque Científico Tecnológico), Avda. de la Investigación, s/n, Edificio PCTEX, Campus de la Universidad de Extremadura – 06006 Badajoz (Spain)

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