

UNIVERSIDAD POLITÉCNICA DE MADRID

OFERTA DE TRABAJO/JOB OFFER

INFORMACION BÁSICA/BASIC INFO

- ***PROYECTO/PROJECT:** LieSense – PLEC2021-008178
- ***100% FINANCIACION UE/PLAN DE TRANSFORMACIÓN, RECUPERACION Y RESILIENCIA/100% EU FINANCING/TRANSFORMATION PLAN, RECOVERY AND RESILIENCE:** SI
- ***PUESTO OFERTADO/TITLE OF THE POSITION:** Investigador predoctoral
- ***Nº VACANTES/NUMBER OF POSITIONS AVAILABLE:** 1
- ***CATEGORÍA/RESEARCHER PROFILES:** First Stage Researcher (R1)
- ***DEPARTAMENTO/DEPARTMENT:** Departamento de Ingeniería de Sistemas Telemáticos
- ***DIRECCIÓN/WORK LOCATIONS:**
ETSI de Telecomunicación
Avenida Complutense 30, 28040, Madrid

INFORMACION DE CONTRATACIÓN/HIRING INFO

- ***ÁREA TECNOLÓGICA/WORK TECHNOLOGY AREA:** V-06 Inteligencia Artificial
- ***CAMPO DE INVESTIGACION/RESEARCH FIELD:** Technology - Telecommunications technology
- ***TAREAS/TASKS:**
 - To conduct research on social network analysis (SNA), machine learning and simulation techniques.
 - To investigate mechanisms to incorporate deep learning techniques such as graph embeddings to graph analysis and social network analysis, especially for node and edge classification tasks
 - To rigorously evaluate said techniques in different domains and scenarios, with a focus on misinformation
 - To publish and present results both at international conferences and in high impact scientific journals of the field.
 - To collaborate in challenging and competitive research projects both in the proposal redaction and in the project execution.
- ***CONTRATO/TYPE OF CONTRACT:** Duración Determinada con Fondos UE/PRTR D.A. 5ª R.D.L. 32/2021
- ***JORNADA/JOB STATUS:** Jornada completa
- ***HORAS SEMANA/HOURS PER WEEK:** 37.5
- DISPONIBILIDAD PARA VIAJAR/AVAILABILITY TO TRAVEL:** Si, Internacional
- ***SALARIO BRUTO AÑO/SALARY OFFERED:** 23.000 €
- ***FECHA LÍMITE INSCRIPCIÓN/APPLICATION DEADLINE:** 11 días hábiles después de la fecha de publicación
- ***FECHA ESTIMADA DE CONTRATACIÓN/ESTIMATED DATE OF JOB CONTRACT:** 01/10/2022
- ***DURACIÓN DE TAREAS DEL CONTRATO/TERM OF CONTRACT:** 3 meses (31/12/2022)
- ***FINANCIACIÓN PROGRAMA MARCO UE/IS THE JOB FUNDED THROUGH A EU RESEARCH FRAMEWORK PROGRAMME?:** Not funded by an EU programme
- PROGRAMA REFUGIADOS UE/Science4Refugees:** No

INSCRIPCIÓN/APPLICATION

- ***EMAIL DE INSCRIPCIÓN/APPLICATION EMAIL:** gsi@autolistas.upm.es
- ***PERSONA DE CONTACTO/CONTACT PERSON:** Fernando Sánchez
- WEBSITE:** <http://gsi.upm.es/es/ofertas/491-phd-position-disinformation>

REQUISITOS/REQUIREMENTS

*NIVEL EDUCATIVO REQUERIDO/REQUIRED EDUCATION LEVEL

- **PRINCIPAL CAMPO DE INVESTIGACIÓN 1/MAIN RESEARCH FIELD 1:** Computer science
 - NIVEL/LEVEL: Master
- **PRINCIPAL CAMPO DE INVESTIGACIÓN 2/MAIN RESEARCH FIELD 2:** Engineering
 - NIVEL/LEVEL: Master

HABILIDADES-CUALIFICACIONES-INFORMÁTICA/SKILLS/QUALIFICATIONS:

REQUERIMIENTOS ESPECÍFICOS/SPECIFIC REQUIREMENTS:

- A Master's Degree or an equivalent in Computer Science, Telecommunication Engineering, or a related field with a strong academic background in Machine learning, Linked Data, Natural Language Processing, Agent Technology and/or DevOps.
- Applicants with an experience in one or more of the above academic fields are encouraged to apply.
- High proficiency in written and oral English. Spanish speaking skills are appreciated.
- Good and demonstrable programming skills, preferably in Python (e.g. master thesis, software development experience, etc.)
- A high level achievement and experience in multi-disciplinary collaboration is an advantage.

IDIOMAS REQUERIDOS/REQUIRED LANGUAGES:

- **IDIOMA 1/LANGUAGE 1:** English
 - NIVEL LECTURA/READING LEVEL: Alto
 - NIVEL ESCRITO/WRITING LEVEL: Alto
 - NIVEL CONVERSACIÓN/CONVERSATION LEVEL: Medio
- **IDIOMA 2/LANGUAGE 2:**
 - NIVEL LECTURA/READING LEVEL:
 - NIVEL ESCRITO/WRITING LEVEL:
 - NIVEL CONVERSACIÓN/CONVERSATION LEVEL:
- **IDIOMA 3/LANGUAGE 3:**
 - NIVEL LECTURA/READING LEVEL:
 - NIVEL ESCRITO/WRITING LEVEL:
 - NIVEL CONVERSACIÓN/CONVERSATION LEVEL:

EXPERIENCIA EN INVESTIGACION REQUERIDA/REQUIRED RESEARCH EXPERIENCE:

- **CAMPO INVESTIGACIÓN 1/RESEARCH FIELD 1:**
 - AÑOS MÍNIMOS DE EXPERIENCIA REQUERIDOS/MINIMUM YEARS OF EXPERIENCE REQUIRED:
- **CAMPO INVESTIGACIÓN 2/RESEARCH FIELD 2:**
 - AÑOS MÍNIMOS DE EXPERIENCIA REQUERIDOS/MINIMUM YEARS OF EXPERIENCE REQUIRED:
- **CAMPO INVESTIGACIÓN 3/RESEARCH FIELD 3:**
 - AÑOS MÍNIMOS DE EXPERIENCIA REQUERIDOS/MINIMUM YEARS OF EXPERIENCE REQUIRED:

INFORMACIÓN ADICIONAL/ADDITIONAL INFO

BENEFICIOS/BENEFITS:

- Enthusiastic and young team of developers, researchers, post-docs and professors.
- Inspiring, flexible and very dynamic environment.
- Full-time position with competitive salary.

CRITERIOS Y PROCESO DE SELECCIÓN/ELIGIBILITY CRITERIA AND SELECTION PROCESS

(<https://www.upm.es/Investigacion/HRS4R/HRS4R/Seleccion>):

Se aplican las pautas establecidas en el proceso de selección del nuevo *Reglamento para el proceso de selección y contratación del personal investigador, personal técnico y personal gestor relacionado con la investigación de la Universidad Politécnica de Madrid*, aprobado en la UPM.

Full-time position with competitive salary that may be increased based on candidate experience and skills.

COMENTARIOS ADICIONALES/ADDITIONAL COMMENTS:

Esta oferta es parte del proyecto de I+D+i PLEC2021-008178, financiado por MCIN/AEI /10.13039/501100011033 y por la Unión Europea "NextGenerationEU/PRTR".