INTERNATIONAL CALL IC67_24

JOB TITLE

SOFTWARE ENGINEER for DigiDiab pilot: impact study hospital

JOB DESCRIPTION

The Pere Virgili Institute for Health Research (IISPV) is an institution that integrates research in the field of biomedicine in the "Camp de Tarragona" and the "Terres de l'Ebre". The IISPV is the instrument that the university hospitals of both health regions have been endowed with (Joan XXIII University Hospital of Tarragona, Verge de la Cinta Hospital of Tortosa, Sant Joan de Reus University Hospital, Institut Pere Mata University Hospital of Reus) and Rovira and Virgili University, in order to bring together and manage biomedical research and innovation in the territory.

This job position belongs to the Study Group on Metabolic Diseases Associated with Insulin Resistance (GEMMAIR) at Pere Virgili Institute for Health Research (IISPV). This is a clinical and basic research group composed of a multidisciplinary team. This team includes medical and experimental research staff from the Joan XXIII University Hospital of Tarragona and the Sant Joan University Hospital of Reus: internists, surgeons, pathologists, molecular biologists, and laboratory technicians. GEMMAIR has more than 15 years in the study of obesity and associated comorbidities. Additionally, GEMMAIR has been accredited as a consolidated group by the Agency for Management of University and Research Grants (AGAUR) since 2009 and is recognized as a research group by the Universitat Rovira i Virgili (URV). The IISPV is an institution that integrates research in the field of biomedicine in the "Camp de Tarragona" and the "Terres de l'Ebre", in order to manage biomedical research and innovation in the territory.

The job position is linked to the international research project: **An open, multicentre, prospective, non-interventional study of the CE-marked medical device GlucoTab, according to intended use without additional invasive and stressful measures with a matched retrospective control group (DigiDiab pilot: impact study hospital)**. This project, **Digital Diabetes Assistant**, has received co-funding from the European Institute of Innovation and Technology (EIT) Health and the European Union under Grant Agreement 230206.

This project describes a Digital Diabetes Assistant (GlucoTab) which guides and supports diabetes management. Unlike most other "diabetes apps" and projects, it focuses on supporting healthcare professionals (HCP) and provides insulin dosing advice, driven by validated algorithms and digital processes, allowing for treatment adjustment in seconds instead of days. We aim to develop further, implement, and evaluate the digital

diabetes assistant GlucoTab for best-practice care delivery with digitised patient-centred diabetes care in hospitals, domiciliary nursing care and nursing homes in different European pilot regions.

The selected candidate will primarily be responsible for the following tasks:

- Organize and coordinate activities and tasks for projects within their area of expertise.
- Analyze and interpret health data from ongoing research projects.
- Actively participate in activities to disseminate research findings.
- Attend team meetings, as well as meetings with research partners, and participate in national and international conferences to present study results.
- Maintain regular contact and feedback with members of the research project team.
- Ensure the quality and security of project databases.
- Engage in research tasks and related activities.
- Actively contribute to dissemination efforts.
- Prepare reports and other documents required for the project.

PROFILE OF THE CANDIDATE
- Technical Engineer in Computer Management.
- Programming knowledge (.net, java, iOS, Laravel, git, subversion, and others).

REQUIREMENTS
- Experience in designing, developing, managing, and operating computer systems and services.
- Ability to work in a multidisciplinary team.
- Motivation to acquire new skills.
- Strong organizational skills.

IT WILL BE VALUED

- High proficiency in English, Catalan, and Spanish.
- Postgraduate studies.
- Additional language skills.
- Management experience.
- Research experience.
- Scientific publication record.

- Participation in clinical and health sciences research projects.
- Experience in primary care research.
- Problem-solving ability, self-sufficiency, and a responsible work ethic.

Personal qualities:
 a) Empathy and effective communication skills.
 b) Ability to work collaboratively in a team.

WORKING CONDITIONS

- **Type of working day:** Partial time (20 h/week)
- **Physical place of work:** HUJ23 of Tarragona / Teleworking according to IISPV policies
- **Contract:** Indefinite of scientific-technical activities linked to the DigiDiab pilot project, co-funded from the European Institute of Innovation and Technology (EIT) Health and the European Union under Grant Agreement 230206 (duration aprox. 1 year)
- **Remuneration:** 13.000€ -14.000€
- **Approximate incorporation:** January 2025

SELECTION PROCEDURE

- Selection of CVs: Suitable and unsuitable CVs will be identified according to the requirements. Applicants who do not meet the requirements indicated in the point profile of the person and requirements will not move on to the next phase.
- CV assessment Assessment of CVs up to a maximum score of 50 points.
- Written letter of motivation: Attach to the CV a letter of motivation with a maximum length of 2500 characters with spaces. With a maximum score of 20 points.

  To access the interview phase, it is necessary to have obtained a minimum score of 30 points in the sum of the scores of the assessment of the CV and motivation letter.

- Personal interview. With a maximum score of 30 points.

Items	30
Attitude	5

Fit in the workplace	10
Experience, functions developed/skills	10
Teamwork	5

The selected person must have obtained a minimum score of 50 points in the sum of the scores of the assessment of all phases of the selection procedure.

SELECTION COMMITTEE

- President: Dra. Maria Teresa Auguet. (IP GEMMAIR)
- Member 1: Dr. David Riesco. (Clinic Researcher)
- Member 2: Carmen Aguilar. (Lab Technician)

SUBSTITUTES:

- President: Dr. José Antonio Porras. (Clinic Researcher)
- Member 1: Javier Camarón. (Clinic Researcher)
- Member 2: Helena Clavero. (Predoctoral Researcher)

CANDIDACIES

- The CV must include the DNI/NIE number or personal identity document

- Send your CV and Motivation Letter through the IISPV website
  https://www.iispv.cat/treballa-amb-nosaltres/

    For any doubts or questions: recruitment@iispv.cat

DEADLINE FOR RECEIPT OF CV 2/12/2024

COMMUNICATIONS

The IISPV will inform candidates through the website if they have been admitted or excluded from accessing the interview.

HR EXCELLENCE IN RESEARCH

The IISPV will guarantee the right to equal opportunities and treatment, as well as the real and effective exercise of rights by people with disabilities on equal terms with other citizens, through the promotion of personal autonomy, universal accessibility, access to employment, inclusion in the community and independent living and the eradication of any form of discrimination. in accordance with Articles 9.2, 10, 14 and 49 of the Spanish Constitution and the International Convention on the Rights of Persons with Disabilities and the international treaties and agreements ratified by Spain.

In the event of a tie, priority will be given to hiring the person with a disability.

In the event of a tie between people of different genders, the person of the least represented gender in the work group/department/service in which they join will be hired.