

CONTRACT Ref:19/2019

Research Project Title: CROWDHEALTH_COLLECTIVE WISDOM DRIVING PUBLIC HEALTH POLICIES.

IIS La Fe has decided to publish a call for a job offer, by a competitive procedure, for a - University Degree Engineering and Architecture. Biomedical Engineering/Health; Telecommunication Engineering; Electronic Engineering; Computer Engineering; Information Systems Engineering; Telematics Engineering; Physics; Mathematics, to perform the tasks in the framework of the Project 2016/0350
CrowdHealth: Collective wisdom driving public health policies.

CrowdHEALTH will introduce a new paradigm of Holistic Health Records (HHRs) that include all health determinants capturing the clinical, social and human context of the population. CrowdHEALTH will deliver a secure integrated ICT platform that seamlessly integrates big data technologies across the complete data path, providing of Data as a Service (DaaS) to the health ecosystem stakeholders.

CrowdHEALTH will develop policy modeling techniques to facilitate the inclusion of Key Performance Indicators (KPIs) in policies evaluation process.

Research Project ID: 2016/0350

Service/Unit/Accredited Group: : UNIDAD HOSPITALIZACION DOMICILIARIA

Candidate requirements: (*All requirements are necessary to apply*):

- University Degree Engineering and Architecture. Biomedical Engineering/Health; Telecommunication Engineering; Electronic Engineering; Computer Engineering; Information Systems Engineering; Telematics Engineering; Physics; Mathematics

Merits to value: (*0-5 points*)

- Official Master in IT Area, Mathematics Area, Physics, Data Analysis Area or work experience in those areas
- Previous participation in research projects (Deliverables writing, meeting attending, discussion, presentations,...)
- Previous experience with Java, XML documents and JSON
- Experience in SQL queries and data integration platforms (Talend Open Studio, SAS Enterprise Guide, Pentaho)
- Experience with semantic interoperability, EHR standards, Clinical code terminology (Snomed, CIE -10...)

Curriculum vitae and Academic Track-Record (*0-2 points*)

Curriculum vitae
Expediente Académico

Other Merits: (*Complementary Training*) (*0-1 point*)

- Knowledge of clinical databases manipulation and architecture
- Previous experience in R, Python, and/or SAS programming
- Knowledge in Business Intelligence tools (particularly applied to clinical decision making)
- Experience with container based technology like Docker
- English: minimum B2 level.

Training/Roles to develop:

Project execution: deliverables writing and meetings assistance.

- Massive data sources extraction, data quality, reliability and stability.
- Information aggregation, clustering, situational analysis and modeling.
- Integration of tools for health policies improvement.
- Support on implementation and development of Use case
- Evaluation of results and communication

Contract/Fellowship characteristics:

- Full time 40 hours
- Amount: 2.300 groos/month

- Length: : 12 months renewable
- Exclusive devotion.

Deadline for application submission: 21/02/2019

Required documents On-Line www.iislafe.es

- Updated Curriculum Vitae.
- Track-Record with academic grade media.
- Copy of required educational qualifications.
- Supporting documents of the outlined merits.

** The documentation submitted for this open competition will be on deposit of IIS La Fe.*