Open Position for Cognitive group at AURA

(Telefónica's Artificial Intelligence System for engaging with its users)

AREA DESCRIPTION

The Cognitive group at AURA is in charge of providing AURA (Telefónica's Artificial Intelligence system for engaging with its users) the capabilities needed to interact with users in a natural way. This means understanding them in natural language, being capable of following conversation history, extracting insights from user interactions and providing intelligent resolution to user requests.

MISSION

Development of solutions and components for Natural Language Understanding, Context elicitation, Interactive Planning, and Analytical Model creation and validation

MAIN DUTIES & RESPONSABILITIES

◦ Extract requirements from user stories
◦ Collaborate in the design and implementation of NLP & Machine Learning components
◦ Implement software modules for cognitive interaction in a client/server setup and modular architecture
◦ Collaborate with User Experience teams in the design of natural interactions with users
◦ Work in small teams (squads), including the possibility of working on a daily basis with people at remote locations/different countries & cultures
◦ Provide mentoring to software developers in the team
Cooperate in the development of solutions that involve one or more of these technologies:
- Cognitive computing, Semantics and Knowledge Bases, Formal Reasoning & Inference
- Big Data architectures (Spark) and model deployment
- Big Data messaging systems (Kafka)
- User profiling, Recommendation engines, Sentiment analysis
- Anomaly Detection
- Data Visualization and Storytelling
- Planning: planner development, context elicitation and processing
- Grammatical formalisms, semantic formalization

**EDUCATION REQUIRED**

M.S or Ph.D. in Computer Science, Mathematics, Physics, Engineering or equivalent

**SPECIFIC SKILLS**

- Ability to work under uncertainty
- Capacity to prioritize and solve situations with contradictory requirements
- Negotiation & presentation skills, including to non-technical people
- Mentoring abilities, also for software developing skills

**TECHNICAL KNOWLEDGE**

- Language development: Python required, Java/Scala & R optional
- Statistical Data Analysis & Data Modeling
- Machine learning models (supervised/unsupervised), Deep Learning (CNN, RNN)
- NLP: IR (text indexing & retrieval) & language analysis

**PROFESSIONAL EXPERIENCE**

1+ years of experience working in the development of components in one or more of these areas: Data Analysis, Machine Learning, NLP, Cognitive Computing, Artificial Intelligence, Indexing & Retrieval

**LANGUAGES**

Required: Spanish & English, fluid both written/spoken
Plus: Portuguese, German

**CONTACT**

If interested please send us your resume:
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