

Job description:

The Reasoning and Data Analytics for Cybersecurity (ReDAS) Laboratory is offering a one-year Research Fellow position -renewable for 1+ additional year(s)- to design, develop and evaluate NLP and machine learning based techniques for deception detection.

Location: University of Houston

Department: Department of Computer Science

Unit: ReDAS Laboratory - University of Houston (UH)

Position: Postdoctoral Research Fellow

Scientific fields: Natural Language Processing, Deep Learning, Machine Learning, Fake News, Deceptive Attacks

Minimum Education Level: Ph.D.

Contact persons: Dr. Rakesh Verma, rverma@uh.edu and Dr. Arjun Mukherjee
amukher6@central.uh.edu

Requirements:

We are looking for a highly-motivated, independent, and skilled researcher with a Ph.D. degree and related experience in natural language processing, deep learning, artificial intelligence, and computer science/engineering with interest in fake news and deceptive attacks.

A background and track record of peer-reviewed conference/journal publications in natural language processing/machine learning is compulsory (phishing, spearphishing, fake news, deep learning, etc.). Experience with designing, managing, and executing experiments is a mandatory requirement. Relevant knowledge and at least 3 years of experience in developing visual solutions with Python are mandatory. As the Research Fellow will be working in multiple interdisciplinary teams we expect a proactive and collaborative attitude and excellent communication skills both in presentations and writing.

Conditions of employment:

We offer a full-time scientific position for a total period of 1 year, which is renewable subject to funding and satisfactory performance.

Competitive salary. As the candidate will be selected, the contract will be immediately activated. We expect the candidate to join the group as soon as possible.

Employer:

University of Houston.

Within the Department of Computer Science, the ReDAS lab carries out fundamental research on artificial intelligence, computational logic, data analytics and cybersecurity.

The lab is well equipped with GPU machines for deep learning and a cluster for massive datasets. The Mukherjee lab has additional machines with GPUs.

Deadline:

Sept 12, 2020

Link to apply:

https://uhs.taleo.net/careersection/ex1_uhs/jobdetail.ftl?job=STA006152&lang=en&sns_id=mailto#.XwSDuXk5Pcl.mailto

Application materials: CV with research statement, transcripts, certificates, names of 3 references and two best papers

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