Advertisement for the Post of Junior Project Fellow
for a Sponsored Project, Govt. of India

Dated: 15th January 2021

Junior Project Fellow (Chinese Language Expert)
Natural Language Processing Research Lab, Dept of CSE, IIT (BHU)

The Natural Language Processing Research Lab (NLPRL) at the Department of Computer Science and Engineering, IIT (BHU), Varanasi, invites applications for appointment as a Junior Project Fellow on a 1-year duration externally funded research project with the possibility of extension for another year. The project is in the area of Automatic Document Summarisation and Machine Translation focusing on the English Chinese language pair. The Senior Project Fellow will have to work on data creation and related activities for Machine Translation Quality Estimation (MTQE). The Chinese Language Expert would be responsible for all Chinese content/linguistic resources related requirements. These might include:

- Evaluating Chinese corpora for domain relevance.
- Validating Chinese corpora for data quality issues.
- Identifying and tagging relevant named entities in Chinese corpora.
- Evaluating Summarization systems' output for quality.
- Evaluating Machine Translation systems' output for quality.
- Collaborating with other researchers and language experts on the project and helping improve the Summarization and MT systems by providing detailed linguistic feedback.

Duration:
Appointment would be contractual for a period of 1 year, extendable by another year based on performance.

Salary:
At par with JRF guidelines.

Basic Qualifications:
This opportunity is ideal for a recent M.A. graduate (Language, Literature, Linguistics, Communication) demonstrably proficient in Chinese (Degree, Diploma, Certifications).

Must be fluent in reading and writing Chinese, especially in the news domain.

Desirable Experience:
Any past experience in some of the below in an academic or industry setting will make you stand out:
- Basic linguistic knowledge of Chinese morphology and syntax.
- Experience of translating documents from English into Chinese.
- Experience of post-editing Machine Translation output from English into Chinese.
- Experience of creating content in Chinese.
- Experience of linguistic annotation of Chinese text.
- Experience of writing summaries of Chinese documents.
- Inclination and ability to learn and use new software for tasks like linguistic annotation

How to Apply: Interested eligible persons may apply on plain paper or by email (with a scanned copy of the application), giving full bio-data (starting from secondary school examination) along with attested copies of testimonials to Dr. Anil Kumar Singh, Department of Computer Science and Engineering, IIT (BHU), Varanasi 221 005: Email: aksingh.cse@itbhu.ac.in **by February 15th, 2021**.

- Shortlisted candidates will be called for an interview in the last week of October. Depending on the number of candidates, there might be an online test before the interview.
- Post-interview, the selected candidate may be expected to join immediately or within a short period.