Positions Available
starting Spring, 2022

Undergraduate Research Programmers

Laboratory for Knowledge Discovery in Databases

The KDD Lab in Computer Science (CS) Department at K-State is seeking undergraduate research programmers, for research projects in the areas of machine learning and natural language processing:

- Natural Language Processing: Text Analytics, Topic Modeling, QA, Speech Recognition, etc.
- Data Mining and Information Extraction from Documents, Social Networks
- Cyber Resilience, Security and Trust
- Human-Computer Interaction (HCI): Graphics, Visualization, and User Interfaces

**Necessary Qualifications**

- Proficiency in and experience with a high-level programming language such as Python, C#, Java
- CIS 200, CIS300, or equivalent coursework and experience
- Experience with Linux system environment
- Ability to work 10-12 hours per week during the regular academic year
- Ability to work interactively with other group members and highly motivated

**Ideal Qualifications**

- One of CIS 300 (Data Structures and Algorithms), 301 (Logical Foundations of Programming), CIS 520 (Operating Systems), or equivalent coursework or background
- Current/past: Math 510 (Discrete Mathematics) or Stat 510 (Introduction to Probability and Statistics)
- Experience with any of the following is a plus:
  - Courses such as artificial intelligence, machine learning, deep learning
  - Knowledge and experience in Nature Language Processing
  - An integrated development environment (IDE) such as PyCharm, VS Code or Eclipse
  - Experience with web applications
  - Previous work on coding projects
- Ideal candidates will be able to start immediately and remain with the group for at least one year

If interested, please send an e-mail to kdd-search-L@listserv.ksu.edu documenting the following:

1. Your experience, academic background, and interests
2. Computer Science, other Science, Math, and Engineering courses taken; Overall GPA
3. Names, e-mail addresses, and phone numbers of 3 references

The lab director is William H. Hsu (https://people.cs.ksu.edu/~bhsu/).

Compensation starts at $13 per hour with increases after 1-2 semesters, given satisfactory performance.

For more details about KDD Projects, please visit the KDD Lab website at: https://www.kddresearch.org/

URL of this job position: https://www.kddresearch.org/page/1