Open Position | Data Analyst Assistant
NUANCE Center

Location: NUFAB, Northwestern University - Tech Institute, Evanston.

Job Description:
NUFAB is the central micro/nanofabrication facility at Northwestern University, hosting over 30 major research equipment. We are now looking for a data analyst assistant to help to analyze and manage the equipment log data.

Job Duties:
1. Collect and clean the log data of different equipment to convert unstructured data into structured data using python.
2. Mine the data by visualization tools such as matplotlib to discover hidden patterns.
4. Organize data analysis results, preferably, build a database.
5. Write queries to fetch data from SQL databases.
6. Typically work with senior staff, but may coordinate smaller or less complex tasks independently. Weekly report to supervisor.

Minimum Qualifications:
1. Major in data science, computer science, information technology, or related.
2. Minimum one-year experience with application programming.
3. Experience with data analysis and visualization.
4. Demonstrated programming experience with python.
5. Understand relational database, tables, columns, and data types.
6. Take responsibility and communication skills

Preferred Qualifications:
1. Experience with python frameworks such as Flask or Django.
2. Fluent in SQL.
3. Experience with software deployment.
4. Adapt to a constantly changing environment.

Hours: 4 – 8 hours per week, flexible schedule.
Wage: $15 – 25 per hour, depending on experience.

Contact: Please send resume and letter of interest to: nufab@northwestern.edu

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