Internship – Advanced Data Analyst

Job description

The student, as part of the Business Analyst Back-End (BAB) team and under the guidance of an assigned mentor, will undertake how advanced data analytic can support to explore the potential improvement that we could deploy after analyzing data stored in CAMSTAR, specially work on Material Consumption and Process Analytic

In your new role you will:

- Work together with Business Analyst and key users to finalize use case to work on
- Perform data mining and cleaning for correct data fields
- Perform data pre-processing, exploratory analysis, selection of Machine Learning model, and then to perform data training and modeling
- Visualize analytical results
- Collaborate and communicate with key users to deliver insights and seek improvement
- Work with colleagues in different teams for the best result
- Assist on performing big data analysis that can handle large volume data

Learning outcomes:

- Gaining exposure on hands-on real manufacturing data analysis
- Gaining experience on usage of analytic tools [i.e. Tableau, R/Python Programming]
- Gaining experience on usage of Big Data Platform [i.e. ELK, Hadoop]
- Developing an understanding of the back-end manufacturing process and its key functions
- Developing an understanding and usage of Manufacturing Execution System, MES [CAMSTAR] at back end
- Improving communication skills through sharing of analysis result with other back-end manufacturing sites

Profile

You are best equipped for this task if you have:

- On track to attain Bachelor/Master in Computer Science, Information System, Statistics, Business Analysis or other related disciplines
- Great curiosity in learning new knowledge
- Experience in ETL process developing
- Experience in using Basic SQL, Tableau and R/Python Programming
- Experience in using Machine Learning Models
- Experience in using Document-Oriented Database

At a glance

Location:	**Singapore**
Job ID:	**308951**
Start date:	**immediately**
Entry level:	**0-1 year**
Type:	**Full time**
Contract:	**Temporary**

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- Experience in working with large volume data or using BIG Data Platform is preferable