SUN YANG
Data Engineer

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Github https://github.com/sunyang1994702

Python, Java, R, C, Javascript, SQL, Tableau,
Natural Language processing, Machine Learning

Data Engineer with nearly two years of successful experience in IIoT, software development, data engineering and machine learning. Hungry to learn new knowledge and state of the art technique. No fear for the challenge and would like to continue to actively improve myself in the future.

💼 Work History

**2020-04 -
Current**

Data Engineer
Micron Memory Japan, Higashi-Hiroshima, Hiroshima

Industrial Internet of Things (IIoT)
- Saved tool owner daily check time by 3 hours per day by online real time monitoring system for equipment's temperature, instrumental panel value and healthy index. (Python, Javascript, Linux)

Web Application Development (Back-end)
- Saved negative target index analysis time by 20 hours per week by auto dashboard application. (Python, SQL, Omelek)

Data Analysis
- Increased MA (manufacturing availability) gain by 0.40% by cost avoidance due to unexpected down of tool. Accomplished by using Gaussian distribution to predict preventive maintenance timeline. (Python, Machine learning, Data engineering)
- Provided progressive analysis of internal engagement survey to HR by using natural languages processing in order to improve working environment. (Python, NLP, Tableau)

**2020-11 -
2020-11**

Community Volunteer
Micron Memory Japan, Higashi-Hiroshima, Hiroshima

- Developed strong interpersonal communication skills to promote relationship building with colleagues and community contribution.

🎓 Education

**2012-09 -
2017-06**

Bachelor of Science: Information And Computing Science
Dalian Jiaotong University - Dalian, China

- Received double degree. Mathematics and Computer Science

- Online shopping application for graduation program. (Java, HTML, SQL)

2018-04 - 2020-04	**Master of Science: Information Engineering**

Hiroshima University - Hiroshima, Japan

- Received master degree. Information Engineering.
- Focused on research in recommendation system. Accomplished by increasing prediction accuracy of user's potential rating for items (Online shopping, Restaurant and Tourist resort) by integrating with user's features extracted from reviews based on tensor-factorization theory. (Python, SQL, NLP)
- Joined "Seventh International Symposium on Computing and Networking" conference held at Nagasaki, Japan, November 26-29, 2019.