

YIZHOU LIU

COMPUTER SCIENCE MAJOR

E-mail: scyy116@nottingham.edu.cn

Student ID: 20216921

ABOUT ME

Programming Languages C#, C++, Python, Java, SQL, JS, HTML, CSS, LaTeX, OpenCV

Skills Data mining, Data Processing, Applets Development

Interests Big Data, AI, Management System Development

ATTITUDES TO STUDY

- Be enthusiastic at study new things and communication within a group.
- Be good at process data and have experience in data mining.
- Be interested in applets developing and learning related lessons.
- Outgoing personality, good at communication, enjoy work.

WORK EXPERIENCE

Shanghai Synchrotron Radiation Facility

Research Assistant

ShangHai, CN (June 2021 - July 2021)

- Research Aim: To study the application of EPICS and HDF file, realize the extraction and saving function of PV value. In the long run, the python scripts should be modularized and loaded into relevant software to improve the efficiency and utilization of data.
- Research Achievement: Learn Linux system and configure the EPICS environment, providing separately OPI and IOC to achieve kinds to data integration and visualization. Furthermore, build an interface to transfer the data through HDF files to different system with a unified data format.

PROJECT EXPERIENCE

Software Engineering Project: Bank of China Application

(Year 2)

- Mainly developed:
 - 1) The initialization for bank count category including category name, budget, spend and expense, etc.
 - 2) I/O control of the application.
 - 3) Test the function of each methods.