Bo Li

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Education

University of Wisconsin - Madison   Sep, 2019 - current
Madison, WI   Expected: May 2023
Bachelor of Science: Computer Science, Data Science
Certificate: Math, Economic Analytics
GPA 3.76/4.00
Relevant Coursework: Introduction to Artificial Intelligence, Machine Organization and Programming,
Introduction to Operating System, Data programming, Introduction to Data modeling

Work Experience

Inspur | Internship | Jinan, Shandong   2020/12 - 2021/1

- Involved in the group of building a E-commerce Data Service platform using spring boot structure to provide data monitoring and analysis services for decision making.
- Contributed to automatic database backup and maintaining the database.
- Created a small platform demo, a grade Management System providing log in options and data visualization.

Research

Offloading pushdown db onto SmartNIC based JBOF device | Professor: Ming Liu   2021/10 - 2021/12

- Customize FlexPushdownDB developed based on C++ hybrid with caching and pushdown capabilities and weighted cache policy from AWS cloud to JBOF device.
- https://github.com/netlab-wisconsin/FlexPushdownDB

Project

Farm management system | java programmer

- Designed system and user interface and implemented by javafx and css in a group of four people.
- Utilized different java packages processing data from csv documents for computing and visualizing.
- Managed workload and collaborated with groupmates using google doc and github.

Data research on undergraduate enrollment | Data analysis

- Web crawler data from online databases using python.
- Preprocessed data by slicing, reforming, and using a pipeline with StandardScaler transformer.
- Analysed data using PCA and linear regression method from PyTorch library.

Students and scholars association website | Member

- Developed a website based on bootstrap, jquery, and use google fonts stylesheet. http://www.cssaatuwmadison.org/

Skills

Program language: Java, Python, SQL   **Tools**: git, bash shell, Mysql

Frameworks and packages: Scikit-learn, Tensorflow, Flask, spring boot