WAN JONG KIM

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https://github.com/wanjongkim — https://wanjongkim.github.io/

EDUCATION

Stony Brook University   Stony Brook, NY

Bachelor of Science, Computer Science   May 2018

- Coursework: Data Structures, Analysis of Algorithms, Principles of Database Systems, Internet Programming, Computer Networks, Software Engineering, Machine Learning

WORK EXPERIENCE

Front Desk Manager   May 2018 - Dec 2019

- Assisted customers with scheduling for appointments and ensured that customers receive the desired level of customer service.

PROJECTS

Movies Database — Personal   https://github.com/wanjongkim/MoviesDB

- Developed a Spring Boot web application in Java that displays movie information dynamically using SQL and JSP.

- Filled the database by extracting and parsing data in JSON from a third-party server using RESTful web service.

- Used Hibernate for object-relational mapping to retrieve and store data about movies.

TCP/IP Chat — Personal   https://github.com/wanjongkim/Chat

- Developed a multi-threaded Java application with a graphical user interface that uses a client-server model.

- Implemented text communication between end-users using sockets and streams.

- Implemented voice over internet protocol to allow users to talk to each other with the use of a microphone.

Stock Market Prediction — Coursework   https://github.com/wanjongkim/Stocks

- Developed Python application using linear regression model and ARIMA model from machine learning in scikit-learn to forecast the future stock price.

- Used Dickey-Fuller test to test the stationary of the data for a time series analysis.

- Utilized the differencing technique to reduce the impact of seasonality and trend on the stock price.

TECHNICAL SKILLS

Languages

Java, Python, SQL, HTML, CSS, JavaScript

Tools and Frameworks

Scikit-learn, Numpy, Pandas, Spring Boot, MySQL, JSP, Git, Hibernate, AJAX, JSON