

WAN JONG KIM

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EDUCATION

Stony Brook University

Bachelor of Science, Computer Science

Stony Brook, NY

May 2018

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

PROJECTS

Movies Database

GitHub

- Developed responsive Spring Boot web application in Java that displays movie information dynamically using SQL and JSP.
- Populated the relational database by extracting and parsing data from JSON taken from a third-party server using RESTful API.
- Used Hibernate for object-relational mapping to retrieve and store data about movies.

TCP/IP Chat

GitHub

- 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

GitHub

- 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 stationarity 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

Git, Spring Boot, MySQL, JSP, Hibernate, Bootstrap

WORK EXPERIENCE

Data Entry Typist

September 2020 - December 2020

- Reviewed work orders and accurately input data into the company database. Flagged accounts needing additional services and routed this information to appropriate teams to prevent service delays.