

WAN JONG KIM

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

EDUCATION

Stony Brook University

Bachelor of Science, Computer Science

Stony Brook, NY

May 2018

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

WORK EXPERIENCE

Cashier

May 2018 - Dec 2019

- Worked at family-owned business to accept payments, ensuring all prices are accurate and providing a receipt to every customer.

PROJECTS

Movies Database

<https://github.com/wanjongkim/MoviesDB>

- Created a Spring Boot website that displays movie information dynamically by retrieving the data within MySQL database.
- Filled the database by extracting data 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

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

Stock Market Prediction

<https://github.com/wanjongkim/Stock-Market-Prediction>

- 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

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