

Jerry Zhu

Software Developer

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Education

Rutgers University, New Brunswick - *Computer Science B.S.*

Graduated January 2020

Minor in Economics

Coursework: Java, C, Python, Data Structures, Design Patterns, Algorithms, Artificial Intelligence, Data Science, Databases (MySQL)

Projects

Song Recommender

JavaEE, SQL, AWS, Tomcat

- A song collection tool in order to allow users to store and view a list of songs they want to recommend. Created to learn/practice setting up a SQL database and sending information to the deployed database

Blackjack

Python, Pygame

- A single-player blackjack card game created in order to emulate a single player playing against a dealer. Interactive GUI was created using the Pygame framework. Created to practice Python, Object-Oriented design, and Python framework integration.

To-do List

React.js, HTML5, JavaScript, CSS, JSONPlaceholder API

- A to-do list application created using react.js. An Initial list of tasks is generated using JSONPlaceholder. Users can add tasks to the list, cross off the tasks after they have been completed, and tasks can be deleted if the tasks are not needed anymore.

Maze Solver

Python

- Find a path between two paths for a randomly generated maze. The cursor moves blindly through the maze until it reaches the end. Created in order to practice Python and basic maze solving algorithms

Sample Web Page

HTML, CSS, JavaScript

- Basic responsive Web Page used to learn and practice the basics of HTML, CSS, and JavaScript

Skills

Languages: Python, Java, JavaEE, C, SQL, HTML, CSS, and JavaScript

Technologies: Git, ReactJS, Visual Studio, Visual Studio Code, Adobe Xd, Android Studio