Asal Zarepakziabari

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Website: https://asalzp.github.io/

PROJECTS

GAME DEVELOPMENT "SLIDE IT" USING C# AND UNITY
Personal Project | November 2021
- Designed the front end of the game using Unity animation tools
- Implemented the rules of the game using C#
- Applied the rules to the objects in the game environment using Unity
- Added the right format of the game to my personal website using Unity exporting tools

WEB DEVELOPMENT USING HTML AND CSS
Personal Project | September 2021
- Developed a webpage using HTML and CSS
- Used JavaScript to make a better design for the footer section of the website
- Published and shared through GitHub

MALEFIZ GAME DESIGN
Academic Team Project | January 2021 - April 2021
- Designed the game board for Malefiz Game from scratch using Java
- Created color-coded tiles for each player and a dice tile
- Developed an algorithm inspired by game rules for player moves and applied it to the game board
- Developed save and load game features

CPU SCHEDULING ALGORITHMS IMPLEMENTATION IN C
Academic Project | January 2021 - April 2021
- Implemented First-Come-First-Served, Shortest-Job-First, Round-Robin, Priority and Priority Round-Robin algorithms
- Designed the CPU.c file which maintained track of system time.
- Developed a schedule method for each algorithm and calculated the turnaround, response and waiting time
- Created a method for RR and Priority RR algorithms to pick the next task to be processed based on their burst time
- Designed a method for Priority Algorithm which could return the process with the highest priority

TECHNICAL SKILLS

- Python
- Java
- JavaScript, Node.js
- C, C#
- SQLite
- HTML, CSS
- Unity
- VisualBasic
- Windows, Linux

PERSONAL SKILLS

- Attention to detail
- Flexible and adaptable
- Great team player
- Conflict resolution
- Communication and writing skills
- Problem-solving skills

VOLUNTEER WORK

COFFEE CLUB, DISCUSSION GROUP
Memorial University, Internationalization Office | January 2022
- Help with the set-up of the meetings for Coffee Club and Discussion Group
- Brainstorm topics of interest for Coffee Club discussion meetings and pick one with the help of the supervisor
- Engage as much as possible in the discussions during meetings

COMPUTER COURSE TEACHER
Kadoos Institution | June 2018 to September 2018
- Taught working with computers in general and basics of Office 365 to students from 11 to 16 years old
- Examine students once a month to see their progress.
- Worked on designing different fun projects for the students to learn better with the help of unit's supervisor

EDUCATION

Memorial University of Newfoundland
Bachelor of Science in Computer Science
September 2019 - Present