Jiarui Groves

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EXPERIENCE

IT Technician
Lennox. Intl   **November 2021 - Present, Richardson, TX**
• Provide technical assistance and support for incoming queries and issues related to computer systems, software, and hardware by Diagnose and   resolve   technical hardware and software issues to ensure an uninterrupted business operation.
• Set up equipment for employee use by imaging, performing or ensuring proper installation of cable, operating systems, and appropriate software.
• Maintain inventory of system hardware using ServiceNow. Based on work log volume and usage needs and make recommendations to improve department efficiencies.

Health Screener
Lennox. Intl   **June 2020 - November 2021, Richardson, TX**
• Facilitated screening through tasks. Checked the health of incoming guests and recommended actions to decrease risk factors to created safe environment to protect company employee from possible COVID infection.

Caregivers
Private Homes   **August 2018 - March 2020, Plano, TX**
• Assist family with the necessary skills and abilities to manage their health, improve family relationships, and develop opportunities for prosocial activities and interactions.
• Monitor vital signs and overall health of patients and maintain a safe environment for patients, visitors and other staff members.

EDUCATION

Bachelor of Science in Computer Science
University of Texas at Dallas • Richardson, TX • 2021-2023 • 3.7

Dallas College
For credits only • Farmers Branch, TX • 2020-2021 • 3.7

Associate of Science in General Science Study
Collin College • Plano, TX • 2019 • 3.6

PROJECT

Maze generation using Disjoint Data Structure
University of Texas at Dallas • November 2022 -December 2022Creating a matrix by creating arraylist to store Cell object/class. Implementing   union   and   find   methods   on   each   cell.
• Randomly find path between adjacent cells including exceptions handling when cells are out of reach. Form random path each time a maze is generated

Implementation of customized Shell n Linux system
University of Texas at Dallas • Spring 2023
• Creating personal shell in C language that is being piped with keyword.
• Auto invoke programs from user's input within directory using execvp().

Hangman's Game using Named Pipes
 University of Texas at Dallas • Spring 2023
• Build game server and gamer client in C in a way of customized piping to perform word guessing game.
• Establish connections between client and server files to enable communication of input and response.

INVOLVEMENT

Multicultural Student Organization
Collin College • Member • May 2018 - May 2019
SDGA
Member • August 2022 -October 2022

SKILLS & INTERESTS

Technical Skills: AWS Cloud, C, C++, Java, R, MIPS, LISP, Prolog, Microsoft Office Applications. Personal Skills: Mandarin

COMPLETED COURSEWORK

System programming in Unix & Linux	Data structure and Algorithms	Programming Paradigms
Intro to Machine Learning	Advanced Algorithm Design and Analysis	Database Systems