

## 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 create 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 game 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  
Intro to Machine Learning

Data structure and Algorithms  
Advanced Algorithm Design and Analysis

Programming Paradigms  
Database Systems