

## 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.
- 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 a safe environment to protect company employee from possible COVID infection.

### Caregivers

#### Private Homes

August 2018 - March 2020, Plano, TX

- Assist families 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 2022 Creating 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 in 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