unnati patel

106 Springdale CT

Allen, TX 75002

Unnati5063@gmail.com

469-403-6940

Linkedin.com/in/unnati-patel-ba6b421a3

Education

**B.S. in Computer Science** December 2021

The University of Texas at Dallas

technical Skills

ProgrammingLanguages: C++, Java, MIPS, Prolog, Python

Tools: MS Office, NetBeans, Code Blocks, Swi-Prolog, MobaXterm

C++/Java/Python: Created applications using user input/output, reading, and writing data files, stack simulation, object-oriented programming (OOP), and functional programming

MIPS: Implemented stacks and registers to create applications involving user input/output, looping, addressing modes, data types, and functions

Prolog: Constraint logic programming, as well as their applications to knowledge representation and common-sense reasoning

Projects

**Control Structures** | MIPS | Simple User-Interaction

* Utilized syscalls to generate conversation packing containers to accumulate input and output messages
* Used manipulate systems to create features to parse via user enter and calculate the quantity of characters and phrases inputted
* Implemented the stack and numerous registers to control and keep user data

**Quicksort** | Java

* Place element smaller than pivot in one array and larger element in another array
* Algorithm analysis with its time complexity O(n log n)
* The index of the sorted pivot and use it to recursively call partition() method with the same parameters as the quicksort() method

**Belgian Snake Problem** | Prolog

* Created a repeated pattern of the alphabets consists of a sequence of ring and it is attached to identifier with length 1
* The snake must be in a rectangle, the head is in the upper left corner and fill row by row
* The output will draw the coiled-up snake on the screen

WORK EXPERIENCE

**Personal Shopper** | Walmart| 2020 - Present

* Assist customers with food selection, inquiries, and other customization request, build long-term customer relationship and advise customers on purchase and promotions, shopped customer orders, substituting items when necessary.

**Store Manager** | Baskin Robbins| 2019 - 2020

* Leading operational Excellence, keen focus on 100% Guest Satisfaction, understanding the importance of training and development of team members, achieving financial goals such as sales projections and controllable.

**Cashier/Customer Service** | Walmart| 2016 - 2019

* Respond to customer complaints and questions, contribute to the customer service experience, educate, and enlighten customers on product prices and details, address challenges according to policies of Walmart and maintain balance cash drawer.