**Sandesh Pokharel**

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**EDUCATION**

**Bachelor of Science in Computer Science** Expected graduation – May 2023

University of Texas at Dallas **GPA: 3.19**

**Associate in Science** December 2020

Northlake Community College **GPA: 3.69**

**COMPUTER SKILLS**

C, C++, JAVA, Python, HTML, Linux

**ACADEMIC PROJECTS**

**Pattern Recognition Using C++**

* Created a program that reads the matrix of two-dimensional arrays and search for the four consecutive equal numbers in all eight directions (horizontal, vertical, and diagonal)
* If the program finds such sequence, then it will print the with its coordinates

**Word Cross-Reference Using Linked Lists and Binary Search Tree Using Java/C++**

* Created a program that reads file and keep track each of each word in the file, the number of times it occurs, and which line numbers contain the word
* If a word occurs more than once in a line, the program counts it more than once but do not duplicate the line number

**Classes and Objects Using Java**

* Created a program with class, its deriving subclass and wrote a program that instantiate subclass and tested it

**Calculator Using JavaFx**

* Developed a calculator in JavaFX with basic functions (add, subtract, divide, multiply, clear bottom, and error handling).

**WORK EXPERIENCE**

**Manufacturing Specialist**, *Texas Instrument, Dallas, TX* June 2021 – August 2021

* Followed standard operating procedures and quality system regulations
* Operated a verity of manufacturing machinery in performance of duty
* Followed the perform test procedures on machinery when schedule

**Electronic Assembler,** *FedEx Supply Chain***,** *Coppell, TX* September 2018 ­­­­– June 2020

* Strong experience in fabrication electronic soldering and testing activities
* Excellent proficiency in process specifications manufacturing practices and standardized assembly operations

**LEADERSHIP**

International Student Association, Northlake College June 2019 – December 2020

* Work as a secretary of international student association and help other in need
* Organized seminars for international students at the beginning of each semester to make them familiar with the new college environment.

Phi Theta Kappa Honor Society, University of Texas at Dallas August 2020 – present

* Active member of phi theta kappa honor society