

FAYAZ MAHMOOD

Fayaz

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Education

Nova Scotia Community College

Sep 2021 - present

IT Programming

• Courses include **Software Engineering, Operating Systems, Database Management, App Development, Website Design & Development.**

Skills

Languages: C, C++, C#, Python, Java, CSS, HTML5, SQL

Technologies: Adobe Xd, Bash, Git, Microsoft SQL Server Management, Ubuntu

Projects

Message Encryption project

C programming language

I built a magic decoder ring. A program capable of reading in lines of text and encrypting it; or reversing the process by reversing the process by reading an encrypted code string and decrypting it. For the program, we combine the use of bit masks and bitwise Exclusive.

Countries of the world project

Python programming language

Created a graphical program that displays information about any country that the user selects from a list. For any country selected, the application will display the Name of the country; An image of the country's flag; The population of the country; The country's total area shown in sq. miles or sq. kilometers, according to the user preference; The country's population density per square mile or square KM, according to user preference; The country's percentage of the total world population. The country data being displayed will change automatically whenever a new country is selected from the list.

Report Card project

C programming language

I created an application to generate report cards from student records. First creating a Student Record using a function to set up the record. Student Record is represented by a struct. Course records array containing 5 structs. Then I develop a function to calculate the average mark for each student and set each result appropriately in each student record. And lastly, I develop the last function to print report card for each student record.

Leap year checker project

C programming language

Creating a Boolean function to determine if a year passed to the function is a leap year and pass back a Boolean result. I prompt the user to enter a date and then validate if it does in fact represent a year. Then check if it is a leap year and inform the user. And then prompt the user to continue with another year. Loop, prompting for more year's unit user enters 'N' to stop which terminates and reports a Boolean table representing all the leap years from 1 to 2022, each century in each line.

Other Experience

Administrator / Sales Manager, Coast to Coast Connections, Halifax

05/2022 – 08/2022

- Interviewing new candidates and setting time for 2nd round if selected accordingly.
- Managing new recruits, giving orientation, and offering office tours.
- Developed various customized sales techniques to successfully sell.
- Worked enthusiastically with various teams to hit our target.
- Processed transactions by cash or card by credit card terminal.

Community Involvement

Environmental and Innovation Leader, English Language Private School

09/2019–06/2020

Ride Safe (Cyclist), Dubai Police Bike Patrolling Squad

06/2020–07/2020

Breast Cancer Society of Canada, Halifax

05/2022–07/2022

Accomplishments

- Attended **Dubai Police certified** summer course programs of 2020 which includes security, cognitive skills, future officer, and military programs.
- **Certification** received from **Dubai Ministry of Culture & Youth** for summer programming youth boot-camp.
- **Awarded** for outstanding contribution to environment clean-up “Clean up the world” held by **UNEP** in association with **Dubai Municipality**.
- **Certification** received from Lock&Stock for inter-school business competition.