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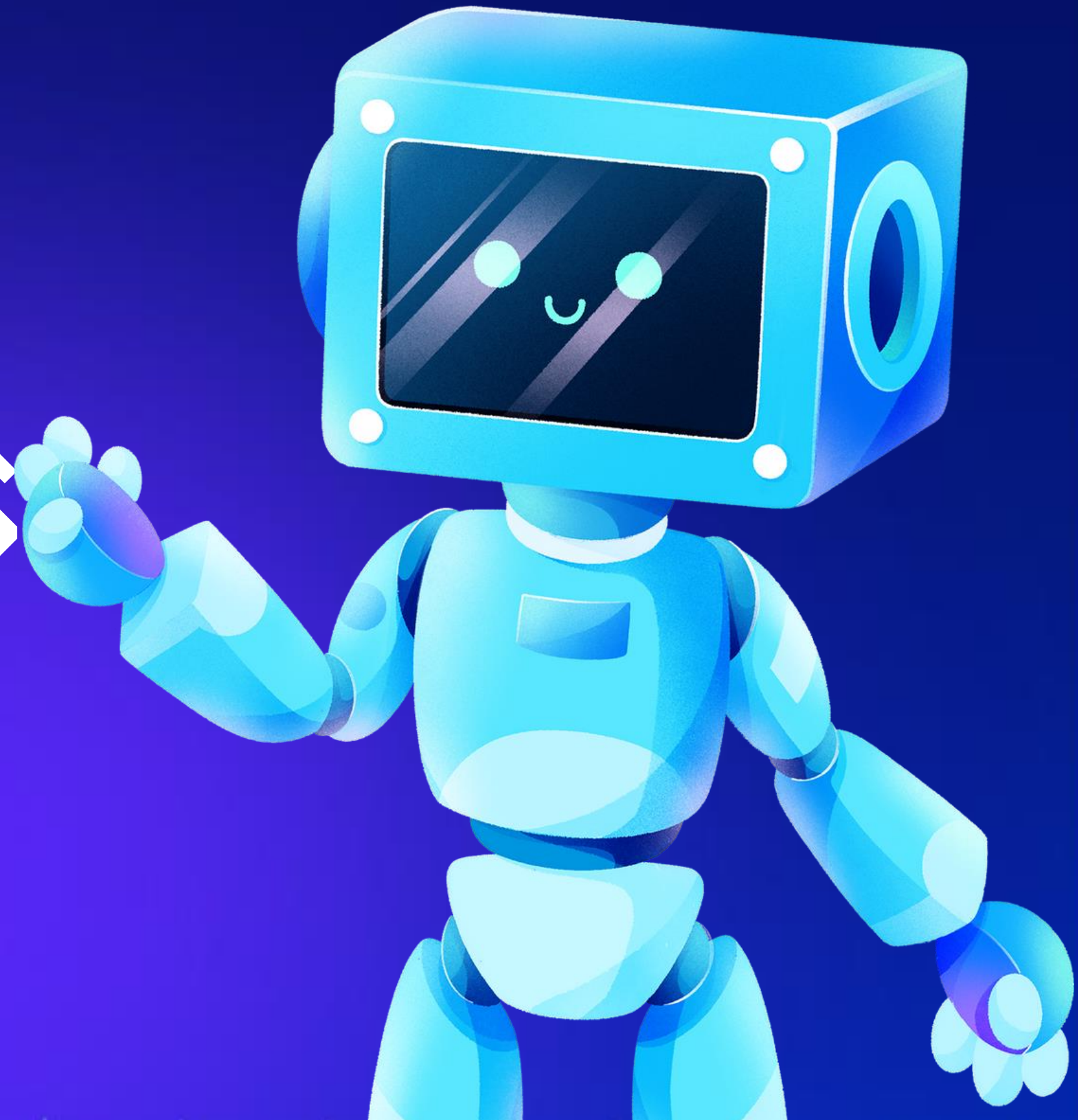
C++ PROGRAMMING

PROJECTs

By Encryptix

INSTRUCTIONS

Update your LinkedIn profiles

For the C++Programming internship, you will need to complete **at least 3 tasks** for successful completion of the internship.

Maintain a separate GitHub repository(name as **Encryptix**) for all the tasks and share the link of the GitHub repo in the task submission form(it will be given later through email).

You can refer to online resources such as Google Search and read tutorials. Watch videos(For Help).

SUBMISSION

A TASK SUBMISSION FORM will be shared later through email . Till then please continue your task.

A video need to be created to showcase your work, a demo of your effort.

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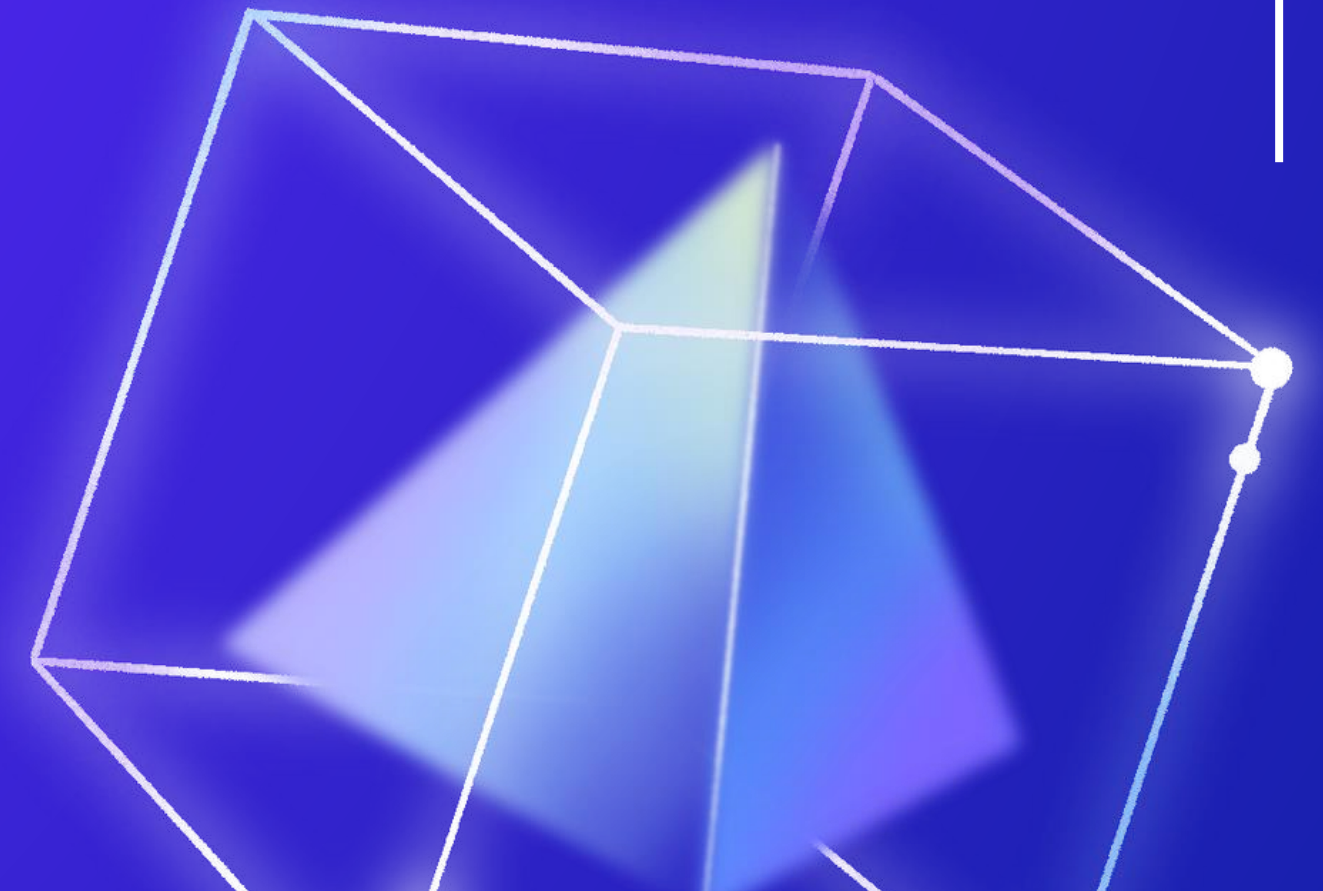
The video can be hosted on LinkedIn for proof of your work and to build credibility among your peers. You can tag @ENCRYPTIX in such posts.

Please add #encryptix in each of your task video postings on LinkedIn, Additionally, you can also add hashtags such as #internship #webdevelopment. for more reach and visibility

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ABOUT THE INTERNSHIP

- Completion Certificate

- Placement Support

- Network Opportunity

C++ PROGRAMMING

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www.ENCRYPTIX.in

NUMBER GUESSING GAME

Create a program that generates a random number and asks the user to guess it. Provide feedback on whether the guess is too high or too low until the user guesses the correct number

CALCULATOR

Develop a calculator program that performs basic arithmetic operations such as addition, subtraction, multiplication, and division. Allow the user to input two numbers and choose an operation to perform.

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TIC-TAC-TOE GAME

Build a simple console-based Tic-Tac-Toe game that allows two players to play against each other

Game Board: Create a 3x3 grid as the game board.

Players: Assign "X" and "O" to two players.

Display Board: Show the current state of the board.

Player Input: Prompt the current player to enter their move.

Update Board: Update the game board with the player's move.

Check for Win: Check if the current player has won.

Check for Draw: Determine if the game is a draw.

Switch Players: Alternate turns between "X" and "O" players.

Display Result: Show the result of the game (win, draw, or ongoing).

Play Again: Ask if the players want to play another game.

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To-DO-LIST

Build a simple console-based to-do list manager that allows users to add, view, and delete tasks

Task Input: Allow users to input tasks they want to add to the list.
Add Task: Implement a function to add tasks to the list.
View Tasks: Display the list of tasks with their status (completed or pending).
Mark Task as Completed: Allow users to mark tasks as completed.
Remove Task: Provide an option to remove tasks from the list.

IMAGE PROCESSING TOOL

Build a tool that allows users to perform various image processing operations like resizing, cropping, and filtering.

Load Image: Allow users to load an image.

Display Image: Display the loaded image in the application.

Image Filters: Implement basic image filters like grayscale, blur, and sharpen.

Color Adjustment: Allow users to adjust image colors, brightness, and contrast.

Crop and Resize: Provide options to crop and resize the image.

Image Saving: Enable users to save the processed image.

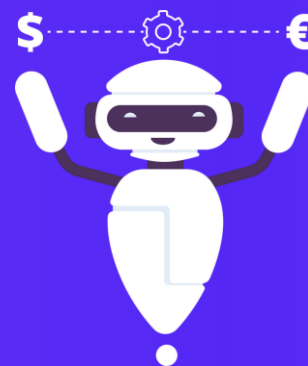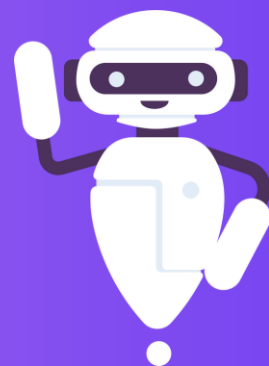**User Interface:** Design a user-friendly interface for easy interaction

ASK US FOR HELP!

THE PURPOSE OF THIS INTERNSHIP IS TO LEARN AND GROW.

We have no desire to dictate to you. It is entirely up to you whether you seek guidance or not.

The given tasks may seem very easy or very difficult. We expect you to approach the tasks with professional diligence and give them the attention they deserve."

GET SOCIAL WITH US

www.encryptix.in

contact@encryptix.in

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