

Post-Interview Technical Assessment

Thank you for taking the time to interview with us. As the next step in our hiring process, we'd like to assess your practical coding skills with a short technical task.

Technical Assessment Instructions

Objective

Demonstrate your proficiency in Python by completing one of the two tasks provided below. Choose the task that best aligns with your strengths.

Time Limit

You have 20 minutes to complete the task. Please record your screen during this time.

Submission Instructions

1. Commit your solution to a public GitHub repository on your account.
2. Follow good GitHub practices:
 - Use clear and descriptive commit messages.
 - Organize your repository logically.
 - Include a `README.md` file explaining your solution and how to run it.
3. Share the repository link with us upon completion.
4. Share the screen recording of your work.

Tasks (Choose One)

The two options for tasks to complete will be provided at our scheduled time.

Additional Guidelines

Testing

- Include any test cases or examples you used to verify your solution.
- Demonstrate that your code works as expected.

Code Style

- Use meaningful variable and function names.

- Keep your code organized and modular.
- Comment your code where necessary to explain complex logic.

GitHub Practices

- Commit Messages: Use descriptive messages that explain what changes were made and why.
- Repository Structure: Organize your files logically; for example, place your code in a `src` directory and tests in a `tests` directory.
- README.md: Provide instructions on how to run your code and any dependencies required.
- LICENSE (Optional): Include a license if you prefer.

What to Ensure

- Functionality: Your code should run without errors and meet the task requirements.
 - Efficiency: While not the primary focus, efficient code is appreciated.
 - Error Handling: Gracefully handle unexpected inputs or errors where applicable.
 - Adherence to Instructions: Make sure you have followed all the guidelines provided.
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Submission Checklist

- ☐ Complete one of the two tasks within 20 minutes.
 - ☐ Commit your code to a public GitHub repository.
 - ☐ Follow good GitHub practices (clear commits, proper structure, README).
 - ☐ Include test cases or examples demonstrating your code works.
 - ☐ Share the GitHub repository link with us.
 - ☐ Share your screen recording with us
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Final Notes

- Time Management: Focus on delivering a working solution first. If you have extra time, you can refine and optimize your code.
- Communication: If you encounter any issues or need clarifications, feel free to reach out.
- Good Luck: We look forward to seeing your coding skills in action!

Please send the link to your GitHub repository to Jason once you're done.