

Skill Check

Test Automation Engineer

Create a Test script for

- 1) Start any Image Editing application for desktop that can import & export images with different formats (ex. Paint)
- 2) Import image: IMAGE_1
- 3) Grab an open image and save as a reference image - REF_Image
- 4) Verify with image comparison that the imported image looks correctly in the Image Editor (IMAGE_1=REF_Image)
- 5) Export the open Image in JPG format to a local drive
- 6) Verify that the exported image exists
- 7) Verify with image comparison whether the exported image is equal to IMAGE_2 (to be failed)
- 8) Generate an error report

Optional: Visually represent the differences between the images in the error report.

- Use Python, Pytest, and any automation tool for desktop applications
- Feel free to use additional libraries or tools that enhance the accuracy and efficiency of your solution
- Upload your test script and all necessary files to a repository on GitHub, GitLab, or a similar platform
- Confirm the submission by sharing the repository link with the hiring team
- Be prepared to discuss your approach, any challenges faced, and optimizations implemented in your solution

Evaluation Criteria:

- Accuracy and completeness of the automation script
- Precision and effectiveness of the image comparison algorithm
- Quality and clarity of the generated report