

NeuralGrader User Guide

Introduction

NeuralGrader is an online application crafted to streamline the grading of quizzes and assignments by harnessing the power of advanced Large Language Models (LLMs). With its intuitive interface and robust backend technology, NeuralGrader provides swift and precise evaluations of handwritten materials, e.g. Python scripts, biological diagrams, and circuit designs.

Features

1. **Effortless Quiz Upload:** Take a photo of your handwritten quiz or assignment and upload it with ease.
 2. **Tailored Grading:** Input specific instructions or prompts to direct the grading process.
 3. **Model Selection:** Pick from a carefully curated list of LLMs suited to your evaluation requirements.
 4. **Rapid Evaluation:** Hit "Evaluate" and receive immediate, comprehensive feedback on the submitted work.
 5. **Support for Varied Content:** Able to analyze Python programs, diagrams, and more.
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How to Use NeuralGrader

Step 1: Access the Web App

1. Launch a web browser and go to the NeuralGrader URL.

Step 2: Upload the Quiz

1. Click the "Upload Quiz" button.
2. Select the file containing the handwritten quiz from your device.
3. Make sure the image is clear and well-lit for optimal evaluation.

Step 3: Customize the Grading Process

1. Optionally write a prompt to provide extra instructions for grading (e.g., "Prioritize logic over syntax for Python programs").
2. Leave the field empty if no specific instructions are necessary.

Step 4: Select the Desired Model

1. Browse through the list of available LLMs.
2. Choose a model based on the type of quiz or assignment (e.g., diagrams, code, or theoretical content).

Step 5: Evaluate the Quiz

1. Click the "Evaluate" button to commence the grading process.
 2. Wait a few moments as the application processes your submission.
 3. View the detailed feedback.
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Tips for Best Results

- Ensure images uploaded are of high quality.
 - Aim for clear handwriting or printed text when possible.
 - Provide concise and specific prompts to customize the grading.
 - Familiarize yourself with each model's capabilities to select the most appropriate one.
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Supported Quiz Types

NeuralGrader accommodates a variety of quiz types, including:

1. **Handwritten Python Programs:** Assess syntax and logic.
 2. **Biological Diagrams:** Evaluate labeled parts and structures.
 3. **Flip-Flop Circuits:** Grade logical design and accuracy.
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Troubleshooting

1. **Upload Errors:** Confirm that the file format is supported (e.g., JPG, PNG).
 2. **Low Grading Accuracy:** Check image clarity and consider resubmitting with a more specific prompt.
 3. **Technical Issues:** Reach out to support at ansersohaib.study@gmail.com.
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Contact Us

For additional assistance or inquiries, don't hesitate to get in touch:

- **Email:** ansersohaib.study@gmail.com
- **Support Hours:** 9 AM - 5 PM (GMT+5)

Thank you for choosing NeuralGrader. Happy grading!