

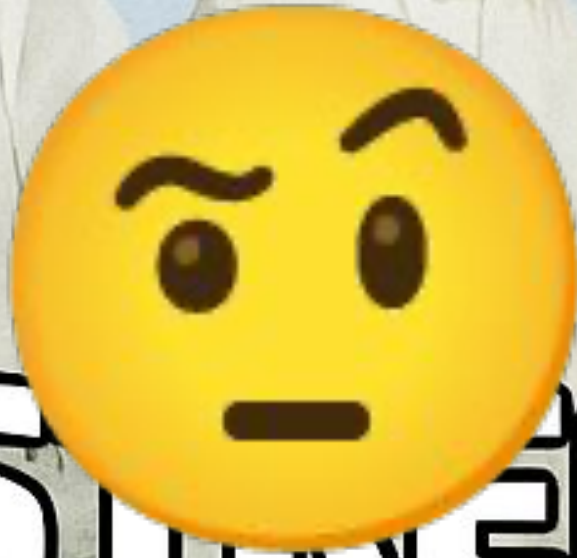
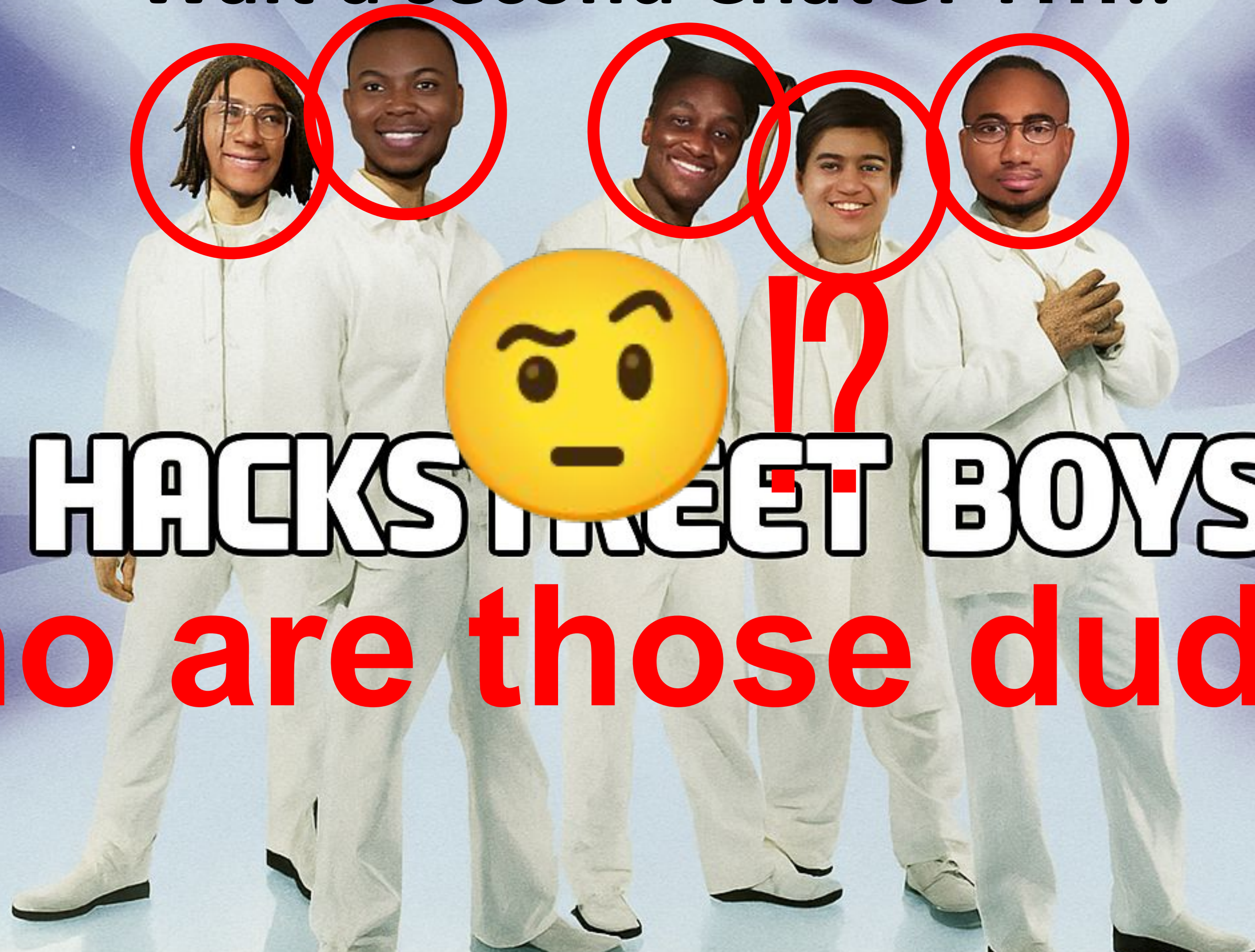
HACKHPC@
ADMI25
HACKATHON

hackhpc.github.io/admi25

HackStreet Boys



Wait a second ChatGPT.....



HACKS IN THE STREET BOYS

Who are those dudes?



YARI PETTIS

ZION PEASE

DAVE BROWN

EJAY AGUIRRE

JULIAN TOLBERT



Project Overview & Team Roles

Julian – GitHub & Documentation Lead

Sets up repo, manages README.md, folder structure, and code organization.

Ejay – Poster & Presentation Lead

Designs project poster and final slide deck; supports portal content & layout. Will be working on Flask as well.

Zion – Paper Analyst

Selects target papers, evaluates reproducibility criteria, leads scorecard writing.

Dave – Code Runner

Attempts to reproduce paper results, logs code, dataset, and hardware issues

Yari – Communications & Submission Manager

Coordinates daily check-ins, manages submission proof, team info, and final review.



5 Day Plan

Days

Focus

Key Outputs

Monday

Kickoff & Setup

Repo setup, roles assigned, paper shortlist

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Tuesday

Paper Deep Dive & Planning

Paper selected, access tested, plan slides

Wednesday

Scorecard Development & Testing

JSON/CSV file, initial portal layout, graph

Thursday

Portal Build & Poster Finalization

Site live, poster PDF, submission proof

Friday

Final Presentation & Deliverables
Wrap-up

Slides PDF, final push to GitHub, rehearsal

HackStreet Boys: Project Progress

Priorities:

Our current priority is creating the datasets from the papers and a proper rubric.

We have decided to use a python script to read the scores in so that we can use the data to plot that information.

While also starting to build our website/github to host our information and the actual score cards that we are building.



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Project Plan

Update!

The project plan before is still in progress but we have started to move somethings to be done in tandem with other goals, like the beginning to code our flask and properly setting up the information held in papers/websites. While also including more flexibility due to time zones and some skill levels.

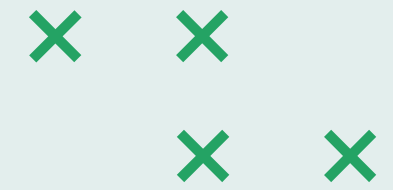
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Technology/Problems

We have been using AI like manus, chatgpt and gemini prompting it to give us ideas for rubric and helping debug our code. While also applying our skills in virtual environments like colab to test out our python code.

We created a python script that scrapes a specified number papers, feeds them into Gemini AI, which then provides feedback on some scoring metrics and stores them in a csv file.





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We were able to create a python script to evaluate papers and put them into a dataframe to be graphed. We also have started to get our flask app up and running including our team/background information

```
# 2. Iterate through each paper and get LLM evaluation
for i, paper in enumerate(papers_for_evaluation):
    paper_title = paper.get("Title", "Untitled Paper").replace('\n', ' ')
    print(f"\n--- Evaluating Paper {i+1}: '{paper_title}' ---")

    prompt = generate_llm_prompt_for_paper(paper, RUBRIC)

    try:
        response = llm_model.generate_content(prompt)
        evaluation_result_text = response.text.strip()

        print(evaluation_result_text)
        all_raw_evaluations_text += f"\n--- Evaluation for Paper {i+1}: '{paper_title}' ---\n"
        all_raw_evaluations_text += evaluation_result_text
        all_raw_evaluations_text += "\n" + "="*80 + "\n"

        # Parse the LLM's text response directly into a dictionary
        parsed_scores = parse_llm_response_to_dict(evaluation_result_text, paper_title)
        structured_evaluations_list.append(parsed_scores)

    except Exception as e:
        print(f"Error evaluating paper '{paper_title}' with Gemini: {e}")
        error_message = f"LLM evaluation failed for this paper: {e}"
        all_raw_evaluations_text += f"\n--- Evaluation for Paper {i+1}: '{paper_title}' (FAILED) ---\n"
        all_raw_evaluations_text += error_message
        all_raw_evaluations_text += "\n" + "="*80 + "\n"
        structured_evaluations_list.append({"Paper Title": paper_title, "Evaluation Status": "Failed"
})
```