Final projects

Yu Kong

Goal: test CV approaches on video dataset

- Understand the dataset
- Compare performance of various approaches
- Understand the limitations of these approaches

Dataset

- UCF-101 dataset

Tasks

- Choose one task as the final project

- Image classification
  - Classify frames into object categories

- Action recognition
  - Classify videos into action categories

Evaluations

- Use at least two metrics
  - Classification accuracy
  - Visualizations

Report

- 2-4 pages using the template: http://cvpr2021.thecvf.com/sites/default/files/2020-09/cvpr2021AuthorKit_2.zip

- Structure
  - Title, name, introduction, related work, method, experiments, conclusion
  - Conclusion - Contributions of each team member

- Novelty of your own work

- Show results

Policy

- Team work
  - Contributions of each team member should be clearly described on the report.
  - Submit code and report individually.
- **Plagiarism**
  - No copy and paste from existing papers.
  - Will check your report
  - Zero if plagiarism issue is found. No exception!
- Final package - **Firstname_Lastname.ZIP**
  - Report
  - Code
- Firm deadline **April 28th 11:59PM**. No extension!

Quiz 4

- Due April 30th.
- Career Q&A May 4th
  - At least one question
- We will select questions from the pool and have discussions