CSE5539 CUTTING-EDGE TOPICS IN NATURAL LANGUAGE PROCESSING

Course Project

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Format

- Both one-person and multi-person teams are fine
- Use Carmen Discussion to pitch ideas and recruit team members
- Three steps:
  - Proposal
  - Presentation
  - Report

Timeline

09.30
- Project proposal

11.25
12.02
- Project presentation

12.08
- Project report

What makes a good project?

- Projects will be evaluated on several dimensions
  - Novelty
  - Significance
  - Difficulty
  - Completeness
  - Report
- Bring something new to the field!
- Simply reproducing an existing model is in general not favored, unless (1) it's an important model, and (2) the code is not open-sourced

Compute

- Ohio Supercomputing Center (OSC)
  - Instructions here
  - A large cloud with CPU/GPU (V100 and P100)/Storage
  - $500 credit for this course
  - Pitzer expansion early user program (Free, 08.31-09.21)
- Each project has around 500 to 1,000 GPU hours (rough estimate; may change later)
- Mind your usage; don't exhaust it with one project!

Project ideas

- [NeurIPS competitions](#)

- SemEvel: [2021](#), [2020](#)

- Leaderboards: [Spider](#), [GQA](#), [AI2 Challenges](#), [MTOP](#)

- Anything else you are interested in

Questions?