

# Project Proposal

CPSC 532L / CMPUT 654

Due April 27, 2022 (11:59pm Pacific Time)  
Submit by email: [shetroze@ualberta.ca](mailto:shetroze@ualberta.ca)

*The final course project is a hypothetical thesis proposal describing a research program for modeling human strategic behaviour in a chosen domain. It may be based on the assignments, but it can also go in a different direction if you prefer (i.e., you are not locked into the decisions that you made for your assignments).*

*The proposal document should be 5–8 pages long in the default L<sup>A</sup>T<sub>E</sub>X **article** format. It should include the following elements. Different projects can emphasize different elements.*

## 1. Motivation

- What questions will be answered, and why are they important?

## 2. Related work

- What does the literature say about similar questions?
- What is the gap that you are filling? What is the novel element(s) of this project?
- What existing models, datasets, etc. will you build on?

## 3. Methodology

- How will you formally model your scenario?
- How would classical game theory analyze this question?
- What important aspects of the problem are likely to be missed by the classical analysis?
- What behavioral model will you use to analyze your question?
- What data will you use to analyze your question?

## 4. Initial results

- Do you have preliminary results? What have you learned about your question already?

## 5. Impact

- What are the likely of answering this question?
- What are promising directions for future work?