Artificial Intelligence (CSE4185)

Jihoon Yang

Machine Learning Research Laboratory
Department of Computer Science & Engineering
Sogang University

Time & Place

- Class Time: **TR 12:00∼13:15**

- Room: Zoom (online)

Instructor

- Name: Jihoon Yang
- Email: yangjh@sogang.ac.kr
- Office & Hours: AS805; MWF 10:00-12:00
- URL: http://eclass.sogang.ac.kr

- TA: Jihwan Lee (jihwan2854@naver.com, AS808)

Grading Policy

- Two in-class exams: Midterm(30%) + Final(35%) = 65%
- Problem sets, Lab assignments, Quizzes, Participation in class: 35%

- Will grade on the curve
- Late submissions are not accepted except for extenuating circumstances
- All assignments are individual work unless specified otherwise
  - You may *discuss* material needed for doing the assignments, but should **NEVER share/post/email** solutions with others
  - Academic dishonesty will cause failure in the course

- (Text) Russell, S. and Norvig, P. (2021). Artificial Intelligence: A Modern Approach (4th edition). Pearson.

- Duda, R., Hart, P., and Stork, D. (2001). Pattern Classification. Wiley.

- Mitchell, T. (1997). Machine Learning. McGraw-Hill.

Lecture Schedule (tentative)

1. Introduction
2. Intelligent Agents
3. Problem-solving thru Search
4. Knowledge Representation and Reasoning
5. Planning
6. Representing and Reasoning with Uncertain Knowledge
7. Decision-Making
8. Machine Learning