

CS50: Introduction to Computer Science

Course Instructor: Max Lu[maxluhao@gmail.com] Generated on July 23rd, 2023

Course Description

This course explores the concepts and algorithms at the foundation of modern artificial intelligence, diving into the ideas that give rise to technologies like game-playing engines, handwriting recognition, and machine translation. Through hands-on projects, students gain exposure to the theory behind graph search algorithms, classification, optimization, reinforcement learning, and other topics in artificial intelligence and machine learning as they incorporate them into their own Python programs. By course’s end, students emerge with experience in libraries for machine learning as well as knowledge of artificial intelligence principles that enable them to design intelligent systems of their own.

1. CS50 Generative AI Policy

Overall Generative AI Policy: Allowed under conditions

dghdfgdf

We recognize the potential benefits of incorporating generative AI in the learning process. As such, we embrace the use of generative AI tools by our students. In this policy, we employ a "reasonable/not reasonable" system rather than a strict "allowed/not allowed" one (inspired by CS50 at Harvard). This approach fosters proactive thinking among students by encouraging them to understand context, evaluate implications, and make thoughtful decisions.

Reasonable Use Cases

Grammar Check

- Use AI tools for grammar and spelling checks

Concept Learning

- Chat with AI to gain a general understanding of topics of learning

Argument Generation

- Use AI to generate arguments for essays or presentations

Outline Generation

- Use AI to generate an outline for a paper or presentation

Literature Discovery

- Use AI to discover new papers or articles

Additional examples

- Test test 1

Unreasonable Use Cases

Essay Generation

- Use AI to generate an entire essay or paper

Test-taking

- Use AI during tests and exams

Summary Generation

- Use AI to generate summaries of papers or reading materials for faster understanding

Coding Assistant

- Use AI to assist code-writing processes

Data Fabrication

- Use AI to generate or alter data for use in assignments or projects

Additional examples

- hmmmm let me think about it

Assignment/Project Specific AI Policies

nah

Additional Notes

- If you are unsure about generative AI use in this course, consult with your TA or instructor. Better safe than sorry — ensuring your academic integrity is extremely important.

2. Additional Policies

This policy document aims to provide clarity and transparency for the use of generative AI in our course. However, it's paramount to remember that students are also expected to adhere to all other policies specified in the course syllabus and those established by the school administration. The following represents a non-exhaustive list of institution-wide policies which all students must observe, some of which may touch on the use of generative AI. These policies are subject to modification at any point in time. It's incumbent upon the students to keep themselves updated and well-informed about these policies.

- [Campus-wide generative AI policy](#)
- [Academic Integrity policy](#)

3. New Section

Enter your content here

4. New Section

Enter your content here

5. New Section

Enter your content here

6. New Section

Enter your content here

7. New Section

Enter your content here

8. New Section

Enter your content here

9. New Section

Enter your content here

10. New Section

Enter your content here

11. New Section

Enter your content here
