

Ethics of Artificial Intelligence

2024 Winter Online Program

Program dates:

Jan. 24 to Feb.7, 2024

10 sessions of 2-hour long
classes: 7:30-9:30 PM Eastern
Standard Time (EST)

Program fee:

USD\$450 per person



Learning Objectives

- The primary goal of this course is for you to introduce the main ethical issues surrounding AI.
- The secondary goal is for you to improve your critical reasoning, reading, writing, and oral presentation skills.

Course Description

The course proceeds from the general to the particular. It starts by discussing the nature of AI and ethics. Then, the class will see different approaches to the questions of why ethics matters for AI and how to apply ethical stances to AI. The following sessions are dedicated to how AI challenges specific ethical principles such as privacy, justice, responsibility, and autonomy. The final lecture concerns the ethics of Autonomous Vehicles, as a case study of a specific domain of AI.

[Apply by Jan. 3, 2024: go.ncsu.edu/gti-ethicsofai](https://go.ncsu.edu/gti-ethicsofai)

Program Calendar

The lecture times will be 7:30-9:30 PM U.S. Eastern Time

1/24: AI and agency: What is AI? What type of agency is it?

1/25: What is ethics: What is a moral problem? What's the purpose of moral theory? Introduction to main ethical theories

1/28: Why ethics matters for AI: Why should humans care about regulating AI by ethical rules? Why should private companies think ethically and not just legally?

1/29: How to apply ethics to AI: Discussion of competing approaches to how to apply ethical values to AI design and marketing

1/31: Privacy and AI: The need for AI systems to collect data for better performance vs. privacy rights

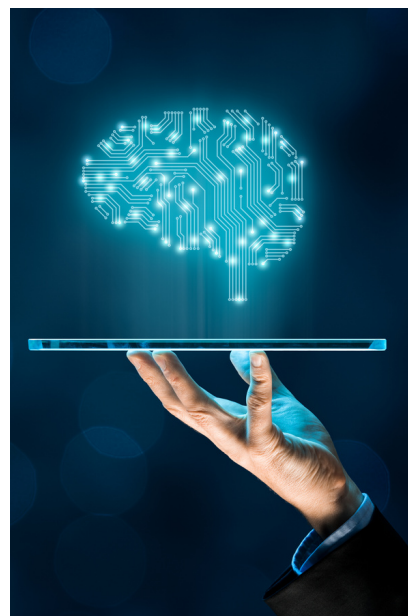
2/1: (Un)Just AI: Can AI algorithms be biased? The problem of implicit biases in AI and possible solutions

2/2: Responsibility in AI: Legal liability vs. moral responsibility. The problem of many hands in AI decisions

2/5: Autonomy and AI: Does AI software undermine human autonomy? How can human autonomy be preserved?

2/6: Ethics in Autonomous Vehicles: Introduction to the main ethical issues of AVs: potential benefits and risks

2/7: Final project: Students presentations



Admissions Requirements

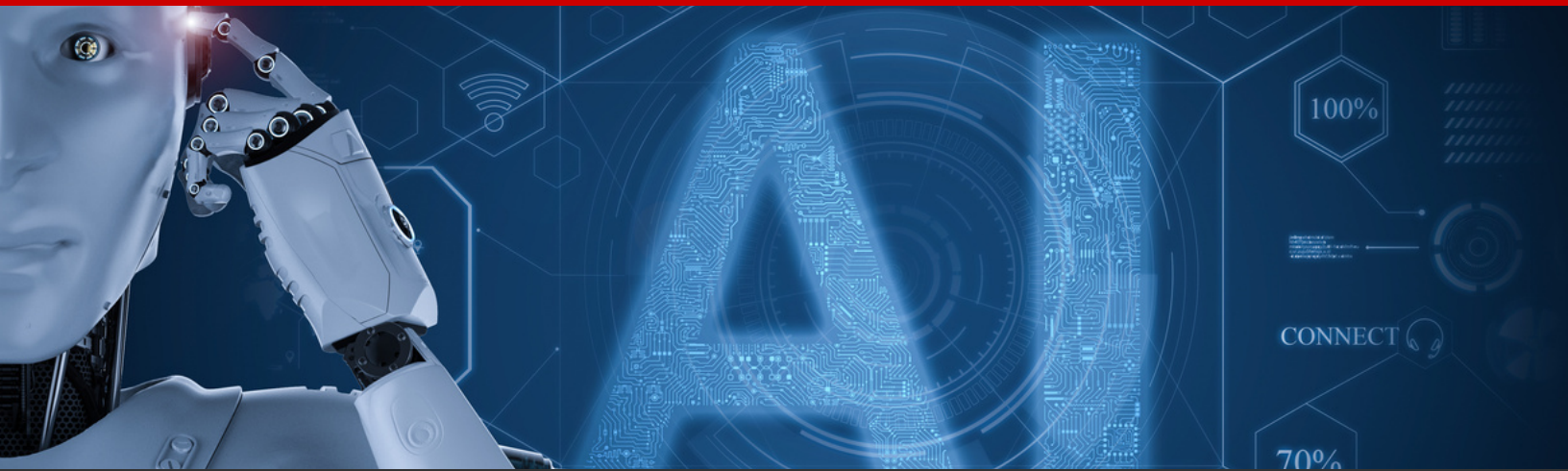
- This program is only open to students from NC State partners' universities
- Undergraduate students in philosophy, humanities, social sciences, engineering and computer science majors, or students in other disciplines who are interested in this topic
- English requirement: The entire course will be taught in English, so students will need to provide their CET 4, CET 6, TEM4 or University Entrance Exam English score as proof of English language proficiency.

NC STATE UNIVERSITY

Global Training Initiative

Contact:

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人工智能伦理

美国北卡州立大学 2024年寒假网络项目

项目时间:

1月24日至2月7日

每次课程2个小时,
共上10次课

项目费用:

每人450美元, 提供项目证书和成绩单

课程目标

- 主要目标是让您了解当前和未来围绕人工智能的伦理问题。
- 第二个目标是提高你的批判性推理、以及英文阅读、写作和表达能力。

课程描述

课程从一般到特殊。它首先讨论人工智能的本质和伦理。然后,学习从不同视角来看待为什么伦理对人工智能很重要、以及如何将道德伦理立场应用于人工智能领域。之后的课程专门讨论人工智能如何挑战特定的伦理原则,如隐私、正义、责任和自治。

最后一节课涉及自动驾驶汽车的伦理,作为人工智能特定领域的案例研究。



申请截至时间: 2024年1月3日 go.ncsu.edu/gti-ethicsofai

课程具体安排:

上课时间为美国东部时间晚上**7点半到9点半**，相当于北京时间次日上午**8点半到10点半**

1/24: 人工智能与代理 (智能主体): 什么是人工智能? 它是什么类型的代理 (智能主体)?

1/25: 什么是道德伦理? 伦理理论的目的是什么? 主要伦理理论介绍

1/28: 为什么道德对 AI 很重要: 为什么人类应该关心通过道德规则来规范 AI? 为什么私营公司应该从道德角度而不只是从法律角度思考?

1/29: 如何将伦理应用于人工智能: 讨论如何将伦理价值观应用于人工智能设计和营销的竞争方法

1/31: 隐私和人工智能: 人工智能系统需要收集数据以获得更好的性能与隐私权

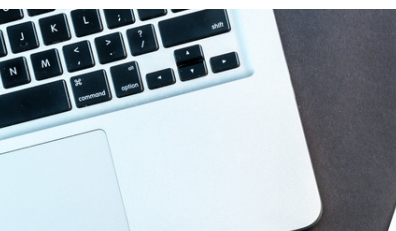
2/1: 只是人工智能: 人工智能算法可以有偏见吗? 人工智能中的隐性偏见问题和可能的解决方案

2/2: 人工智能中的责任: 法律责任与道德责任; AI 决策中多人参与的问题

2/5: 自治与人工智能: 人工智能软件会破坏人类的自治吗? 人类的自主权如何得以维护?

2/6: 自动驾驶汽车伦理: 介绍 AV 的主要伦理问题, 潜在利益和风险

2/7: 最终项目: 学生小组项目演讲



申请条件

该项目只对我们在中国的合作伙伴大学的学生开放, 参加项目的学生需要具有一定的英文水平, 能够用英文进行沟通, 请提供英语四级、六级或者高考成绩作为参考

招生对象

人文社科学院、马克思主义学院、或者工程计算机专业的本科生、研究生, 对该项目感兴趣的学生

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联系信息:

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