

IDEM305

Designing Responsible AI

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Designing Responsible AI equips students to design AI solutions guided by ethical principles and an understanding of societal impact. By combining AI technology with ethics and speculative design, students gain the skills to navigate AI development conscientiously, ensuring they contribute to the advancement of responsible AI applications. The course is structured around three core activities e

1. Analysis of AI-related ethical issues: Students dissect real-world AI use cases in sectors like healthcare or social networks, focusing on ethical implications, biases, and privacy concerns. This segment develops their ability to critically and ethically analyze AI technologies.

2. Design futuring for AI systems: This creative module pushes students to envision future AI technologies. They conceptualize near-future AI applications through speculative design/design fiction, balancing technological advancements with societal needs and ethical considerations.

3. Critiquing AI designs: Students present AI design ideas, engaging in discussions, assessments and critiques. This fosters a culture of constructive criticism, essential for refining responsible AI systems.

The course emphasizes hands-on AI experience, ethical reasoning, collaborative projects, and expert insights. Students learn to design AI systems that are socially responsible and ethically sound.

Assessment: Individual & Group assignment



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