Ethics in Technology

Course Introduction

In this course, you will examine the ethical considerations of technology in each of four categories: privacy, accuracy, access, and security. You will explore a range of technologies and issues that challenge technologists in the field of information ethics. You will also be introduced to decision-making processes as informed by ethical frameworks that outline key ethical considerations within the technologies presented. Furthermore, you will study specific cases to help inform your professional responsibilities regarding how to navigate the important controversies in topics such as surveillance, social media, hacking, data manipulation, plagiarism and piracy, artificial intelligence, responsible innovation, and the digital divide.

This course is broken into four main sections with a total of 12 modules that explore how to implement ethical decision-making, the common ethical issues you may face in a technology role, professional ethics codes, and specific interventions that you can incorporate into your professional behavior.

How to Approach This Course

The materials within this course are designed to give you an understanding of ethical issues and decision-making in technology. Throughout, you will find a variety of interactive elements, including knowledge checks to help deepen your understanding of the reading and video content. Engaging with these activities reinforces new learning and complements the knowledge you bring to this area of study.

It is important to note that knowledge checks are not meant to reveal any characteristics about the format or design of the final assessment. Instead, they are designed specifically to help you learn and are offered as tools to use to your advantage as you work through the course.

Prerequisites

This course has no prerequisites.

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