Certified Ethical Emerging Technologist (CEET)

Lesson 1: Introduction to Ethics of Emerging Technologies

Topic A: What's at Stake

Topic B: Ethics and Why It Matters

Topic C: Ethical Decision-Making in Practice

Topic D: Causes of Ethical Failures

Lesson 2: Identifying Ethical Risks

Topic A: Ethical Reasons

Topic B: Stumbling Blocks for Ethical Reasoning

Topic C: Identify Ethical Risks in Product Development

Topic D: Tools for Identifying Ethical Risks

Topic E: Use Regulations, Standards, and Human Rights to Identify Ethical Risks

Lesson 3: Ethical Reasoning in Practice

Topic A: Ethical Theories

Topic B: Use Ethical Decision-Making Frameworks

Topic C: Select Options for Action

Topic D: Avoid Problems in Ethical Decision-Making

Lesson 4: Identifying and Mitigating Security Risks

Topic A: What Is Security?

Topic B: Identify Security Risks

Topic C: Security Tradeoffs

Topic D: Mitigate Security Risks

Lesson 5: Identifying and Mitigating Privacy Risks

Topic A: What Is Privacy?

Topic B: Identify Privacy Risks

Topic C: Privacy Tradeoffs

Topic D: Mitigate Privacy Risks

Lesson 6: Identifying and Mitigating Fairness and Bias Risks

Topic A: What Are Fairness and Bias?

Topic B: Identify Bias Risks

Topic C: Fairness Tradeoffs

Topic D: Mitigate Bias Risks

Lesson 7: Identifying and Mitigating Transparency and Explainability Risks

Topic A: What Are Transparency and Explainability?

Topic B: Identify Transparency and Explainability Risks

Topic C: Transparency and Explainability Tradeoffs

Topic D: Mitigate Transparency and Explainability Risks

Lesson 8: Identifying and Mitigating Accountability Risks

Topic A: What Is Accountability?

Topic B: Identify Accountability Risks

Topic C: Accountability Tradeoffs

Topic D: Mitigate Accountability Risks

Lesson 9: Building an Ethical Organization

Topic A: What Are Ethical Organizations?

Topic B: Organizational Purpose

Topic C: Ethics Awareness

Topic D: Develop Professional Ethics within Organizations

Lesson 10: Developing Ethical Systems in Technology-Focused Organizations

Topic A: Policy and Compliance

Topic B: Metrics and Monitoring

Topic C: Communication and Stakeholder Engagement

Topic D: Ethical Leadership