Leadership

Admin

- Tutorial 4
- Official release of Essay 2 next week
  - Alternative topic
- Quicker draft turnaround

Schedule

Week	Data	Monday	Date	Friday
1	15-Sep	Intro/Context	19-Sep	Responsibility
2	22-Sep	Power	26-Sep	Writing an Essay
3	29-Sep	Bias and Fairness, Humans	3-Oct	
4	6-Oct		10-Oct	Data
5	13-Oct		17-Oct	Reflection
6	20-Oct		24-Oct	Design Frameworks
7	27-Oct		31-Oct	Organising
8	3-Nov	Leadership	7-Nov	
9	10-Nov		14-Nov	Personal Attributes
10	17-Nov	Projects in AI Ethics	21-Nov	
11	24-Nov	SDP prep lecture	28-Nov	

Intro

- Recap
- Mitigations
- Individual/Team
- "Leadership"

Amazon's climate pledge confirms the new power of employees

Image: Getty Images for Amazon/Paul Morigi

A climate laggard no more?

By **Lila MacLellan**

Published September 20, 2019

Guidelines

- High level statements of intent
- Vague
- Unenforced
- These can be their strengths

Codes of Conduct

- More formalised
- Concise expectations on behaviour
- Lack instructions or justifications
- Limited enforceability

Standards

- More top-down approach
- More specific, instructional
- More natural buy-in
- Limited scope

Legislation

- Related to Standards
- Most formal
- Most enforceable
- Very precise
- Unexplained, hard to interpret

Ethicists

- Alternative to written approaches
- Flexible
- Explained
- Variable
- Problems with scaling

Conclusion

Questions

New Course

- Inf1 - Critical Skills and Practice
- Introduce students to Informatics (and enthuse them about it)
- Prepare them for studying at university, including independence and reflection
- Give the basics of skills used at various other points in their degrees
  - e.g. Reading, writing, presenting, collaboration, critical thinking
- Contextualise their study in the wider profession, as well as the social and ethicalimplications of much of what they will do

Delivery

- Lectures
  - 2 x content delivery
  - 1 x guest panels linked to materials
- Labs
  - Drop-in hands-on activities on rotation e.g.
    - Skyscanner Accessibility Awareness
    - Lego Serious Play
- Tutorials
  - Following a continuous coursework project as check-in and discussion

Learning Outcomes

1. Describe Informatics as a School, Subject, and Profession.
2. Practise key skills, including effective communication in a range of methods, collaboration, and the core skills required for future learning.
3. Reflect on their own learning and identify areas of improvement.
4. Demonstrate critical thinking in a range of technical, practice-based situations, suchas the development lifecycle, AI models, or human-centred design and accessibility.
5. Assess and describe the social, ethical, and professional context of technology.

Link to Practice

Example coursework activities

- Identify needs / requirements
- Plan time
- Monitor progress
- Design tests / experiments
- Analyse evidence
- Write short reports
- Present progress

Low programming project designed for students taking Intro to Programming. For example:

- **Tuning an ML model**
- **App interface design**
- **Dataset analysis**

OR

Free choice of personal project for more advanced students (or options for more technically involved projects)

Assessment - Portfolio

- Divided into themes that generally expand upon learning outcomes, e.g.
  - Informatics as a discipline
  - Communication Skills
  - Critical Thinking
  - Ethics and Society
  - Planning and Managing Time
- Submission for each theme involves evidence and reflection
- Designed to somewhat mimic job applications and assist in thinking about what you're getting from activities beyond parroting