Coláiste na Tríonóide, Baile Átha Cliath
Trinity College Dublin
Ollscoil Átha Cliath | The University of Dublin

Faculty of Engineering, Mathematics and Science

School of Computer Science & Statistics

BLAH for electives

What is the Internet Doing to Me?
TEU00311

XX August 2023   **SOMEPLACE**   *09.30 – 11.30*

Dr. Stephen Farrell

Instructions to Candidates:

Attempt **two** questions. All questions carry equal marks (50 each).

You may not start this examination until you are instructed to do so by the invigilator.

Materials Permitted for this examination:

N/A

Question 1

GDPR rights - such as the right to make data subject access requests and the right to be forgotten – are intended to be a practical means of improving data protection and privacy rights online.

On the basis of the module lecture content and your experience with submitting a GDPR request, write an essay about how well or badly you consider these rights improve your privacy, from your perspective as a user of the various online services you use. To the extent possible, justify your opinions with examples based on actual services you use.

[50]

Question 2

Smartphone "apps", installed from an "app-store", can expose users to being tracked or to be the subject of targetted advertising. For a real app you use:

(a) Describe the app itself, how and why you use it, including (to the extent you can), the underlying technologies involved with the app and its interactions with the Internet.

[20]

(b) Describe in as much detail as you can the ways in which that app may expose you to the potential for being tracked or the subject of targetted advertising.

[15]

(c) What actions could you take in order to reduce the potential tracking involved in your use of the chosen app? For each action identified, say if you would consider taking that action or not, and why.

[15]

Question 3

Generative AI tools based on large language models such as ChatGPT have been much in the news recently and raise concerns about academic integrity and abuse of published materials in training models.

(a) Describe three situations in which you might make use of generative AI tools and how you consider the ethics involved in each case.

[25]

(b) How might use of generative AI tools expose the private information of users and what actions could be taken to reduce such exposure?

[10]

(c) How would you suggest universities and students should deal with the existence of these technologies when it comes to assessment?

[15]