





Review Test Submission: Quiz Lecture 9 (Designing responsible AI) (only part by Chris)

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Course	2020-2021 1-GS Methods in AI research (INFOMAIR)
Test	Quiz Lecture 9 (Designing responsible AI) (only part by Chris)
Started	10/7/20 9:34 AM <div>LATE</div>
Submitted	10/7/20 9:34 AM <div>LATE</div>
Due Date	9/30/20 4:00 PM
Status	Needs Grading
Attempt Score	Grade not available.
Time Elapsed	0 minute
Results Displayed	All Answers, Submitted Answers, Correct Answers, Feedback, Incorrectly Answered Questions

Question 10 out of 10 points


 Which factors lead to the expansion of the field of human-automation interaction, as discussed by Chris in the class (and in Janssen, Donker, Brumby, & Kun, 2019). Tick all that were mentioned in class. (normally, you would need to be able to identify these on your own)


Selected Answers:  [None Given]


- Answers:
-  Growth in application to safety-critical domain
 -  Usage by non-professional users
Guru's like Elon Musk and Tim Cook
 -  Use of embodied, situated systems
The automated vehicle
Personalized medicine

Response Incorrect. The correct answer are the three areas as shown on the venn diagram in class (note that
Feedback: "automated system" is not one of the areas to mention here)

Question 20 out of 10 points


 Which of the following is NOT a trend in human-automation interaction, according to the review that Chris discussed in class? (normally you should be able to know these without multiple choice)

Selected Answer:  [None Given]

- Answers:
- Regulation and explainability
 - Interdisciplinarity and breadth
 - Ethical and social dilemma's
 - Human and humane experiences
 -  Personalized medicine
 - Radical changes

Response Incorrect! The one that you should have mentioned as NOT being a trend is personalized medicine (as this is
Feedback: just one example where the broader points are being applied). See slides

Question 30 out of 10 points


 True or False: "Maba-Maba is still relevant today"

Selected Answer:  [None Given]

- Answers:
- True
 -  False

Response Incorrect! Man-are-better-at and Machines-are-better-at can provide a first approximation but is based on
Feedback: stereotypes of what humans and machines are and are not capable of.

Question 40 out of 10 points

 Mode confusion can arise because of... (and designing human-automation interaction is hard, because...)

Select all answers that apply


(you should be able to know this without being given the options)

Selected Answers:  [None Given]





- Answers:
-  Dynamic humans
 -  Dynamic Machines
 -  Dynamic contexts

Response Feedback: Incorrect! all three apply

Question 50 out of 10 points


 The top-level categories for the design guidelines of Amershi et al are.. (you should know these by heart)

Selected Answers:  [None Given]







- Answers:
-  When wrong
 -  Initially
 - Organizational principle
Mental model principle
 -  During interaction
Interaction principle
 -  Over time

Response Feedback: Incorrect! See paper and slides for the four principles of Amershi.
The other three are from the Lee et al book

Question 60 out of 10 points



 Which of the following are overarching principles from Lee et al? (you should know these without being provided the answers)

Selected Answers:  [None Given]

- Answers:
-  Mental model principle
 -  Attention principle
 -  Response selection principle
Over time
 -  Interaction principle
 -  Perception principle
When wrong
During interaction
Initially
 -  Organizational principle

Response Incorrect! See slides. Lee et al have 6 bigger directions for principles (with more specific principles
Feedback: underneath them).
The other four are from Amershi et al.

Question 7Needs Grading

 Are any aspects of the lecture material by Chris unclear, or do you have follow-up questions about this?
 If I have your feedback in time AND if there is sufficient time to do so, I will try to address this during the live lecture that is associated with this question.

Leave this blank if you do not have any questions.

Selected Answer: [None Given]
Correct Answer: [None]
Response Feedback: [None Given]

Wednesday, November 4, 2020 10:34:28 PM CET