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Literature Review & Research Outline Evaluation

Course: MSc Computer Science

Module: Research Methods and Professional Practice

Assignment: e-Portfolio

Date: Sunday 29th May 2022

Student ID: 126853

Literature Review & Research Outline Evaluation:

Within the Unit 7 assignment of the Research Methods and Professional practice module, we were required to undertake an in-depth literature review based upon a specific topic from a pre-determined list. From this list, I chose to undertake my research on the topic of "Implementing Deep Learning tools/techniques in Image Recognition". As this is quite an old topic which has been continually developing, there was a wide selection of research materials which were used to support arguments/discussions that were raised within my work.

Feedback from the tutor confirmed that I had made very good use of resources available online, linking old/new resources and distinctly differenciating between theory and practice. It was, however, highlighted that I need to focus on re-reading my assignments prior to submission in order to fix minor grammatical issues, as well as identification of a specific audience for my written work (For example, technical staff that would have a working understanding of the topic). I will be taking this feedback on-board and will seek to identify a specific audience when writing further content for this course, such as within the Dissertation module.

Within the Unit 10 assignment, we were required to create a research outline presentation, which could be based upon an arbitrary topic, or the one we were planning to use for our capstone project during the dissertation module. I had chosen to write my presentation based upon my proposed capstone project, which I had previously received feedback indicating its rough viability. This topic was "Crowdsourced Device Tracking: Security and Privacy Concerns".

My work focused in particular on the usage of low-cost 'tracking' devices such as the Apple AirTags, demonstrating how these can be used for both, positive uses (Such as identifying lost items) and those more nefarious cases, such as theft of high value vehicles and stalking of individuals. Feedback from the tutor indicated that I had a good understanding of the overall topic, however, I need to conduct more in-depth research to identify sources that could be included. This is something I had initially considered, however, I limited myself to 3 pieces of key literature in order to keep within the strict 15-minute presentation limit and the assignment brief which mentioned "Key literature related to the project" (UoEo, n.d.).

The feedback gained from both, the Unit 7 and Unit 10 assignments will be used to inform and enable me to self-develop, hopefully producing a high-quality output when I reach the final dissertation module.

References:

UoEo. (n.d.) Research Proposal Presentation. Available from: https://www.my-course.co.uk/mod/assign/view.php?id=618093 [Accessed 29th May 2022].