

## Frontiers of \*\*\* Research Assessment CRG

\*\*\*: Games (CGP9021M), Robotics (CMP9766M), Computer Science (CMP9769M), Machine Learning & Computer Vision (CMP9782M)

| Learning Outcome  | Criterion  | Pass   | Merit   | Distinction  |
|---|--|--|---|--|
| [LO2] Produce a research proposal for a substantial research project in one of the computer science (***) research topics.  | Presentation of a research proposal, including title, abstract, introduction including motivation for the research, and aims and objectives. (25%) | The project proposal identifies an appropriate research question, with abstract and introduction providing the research background and motivation for the chosen research area. An appropriate set of aims and objectives is proposed. | The project proposal identifies a clear research question, with abstract and introduction providing good motivation and background for the proposed research. A clear and well-justified set of aims and objectives is identified.                  | The project proposal identifies a clear and challenging research question, which is strongly linked to the background research, with abstract and introduction also providing strong motivation for the proposal. A definitive and well-justified set of aims and objectives is identified.                |
| [LO2] Produce a research proposal for a substantial research project in one of the computer science (***) research topics.  | Presentation of a research proposal, including research methods and work plan, indicating key project milestones and deliverables (25%)            | An appropriate methodology and research plan is provided, with some evidence of justification.   | A convincing methodology and research plan is provided, with clear evidence of justification based on a good understanding of the chosen research field.  | A systematic and convincing methodology and research plan is provided, with strong evidence of justification based on a comprehensive understanding of the chosen research field.  |
| [LO1] Critically appraise the state-of-the-art in computer science (***) research, including an understanding of the theoretical developments and current applications in computer science (***) research topics. | Writing of a literature survey, which critically analyses previous work from the academic literature relating to the proposed research. (50%)      | The survey demonstrates a good coverage and relevance to the chosen research problem, with some critical analysis and appropriate use of references.   | The survey demonstrates a very good coverage and relevance to the chosen research problem, with good critical analysis and use of references. The review is well structured and provides a good account of related work in the academic literature. | The survey demonstrates an excellent coverage and relevance to the chosen research problem, with excellent critical analysis, use of references and depth of background research. The review is very clear and well structured, giving a comprehensive account of related work in the academic literature. |
| <b>Weighting</b>  | All criteria in this assessment are weighted as indicated above  |  |   |  |