

Assessment of Graduate Program - Computer Science PhD Degree Student Learning Outcomes (SLO)

Date: _____

Student Name: _____

- The SLOs is evaluated by the Ph.D. committee at the time of defense.
- Both the written dissertation and oral defense are used as evidence.
- Each SLO is scored on a 1 to 4 scale roughly corresponding to grades of D/F through A.

1. Student demonstrates expert knowledge of the literature in a sub area of computer science.

| Performance | Score | Evaluation of SLO |
|----------------|-------|---|
| Exemplary | 4 | Student thoroughly documents and explains previous work relevant to the subject area and the bibliography has "review" quality. |
| Satisfactory | 3 | Student appropriately documents and explains previous work and the bibliography is not "review" quality. |
| Developing | 2 | Student demonstrates knowledge in most areas of his/her work but is weak in some others. |
| Unsatisfactory | 1 | Student cannot adequately document previous work and his/her knowledge of subject area is weak. |

2. Student demonstrates the ability to clearly explain and document his/her research.

| Performance | Score | Evaluation of SLO |
|----------------|-------|---|
| Exemplary | 4 | Student clearly, logically and completely explains his/her work both in his/her technical arguments and in accompanying narratives at an accomplished and professional level. |
| Satisfactory | 3 | Student clearly, logically and completely explains his/her work at an appropriate level. |
| Developing | 2 | Student clearly explains his/her work in most areas but his/her explanations are weak in some others. |
| Unsatisfactory | 1 | Student fails to present clear, logical and complete arguments. |

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3. Student demonstrates the ability to identify research directions independently.

| Performance | Score | Evaluation of SLO |
|-------------|-------|-------------------|
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