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LESSONS LEARNED FROM INTEGRATING INDUSTRY AND EXPOSING ENTERPRISES TO COMPUTING SCIENCE STUDENTS

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OVERVIEW

- motivation for integrating industry and exposing enterprises to students.
- three different examples: (1) light, (2) medium and (3) heavy integration.
- discussion around the benefits and challenges of the three different levels of integration.
- lessons learned and time for questions.

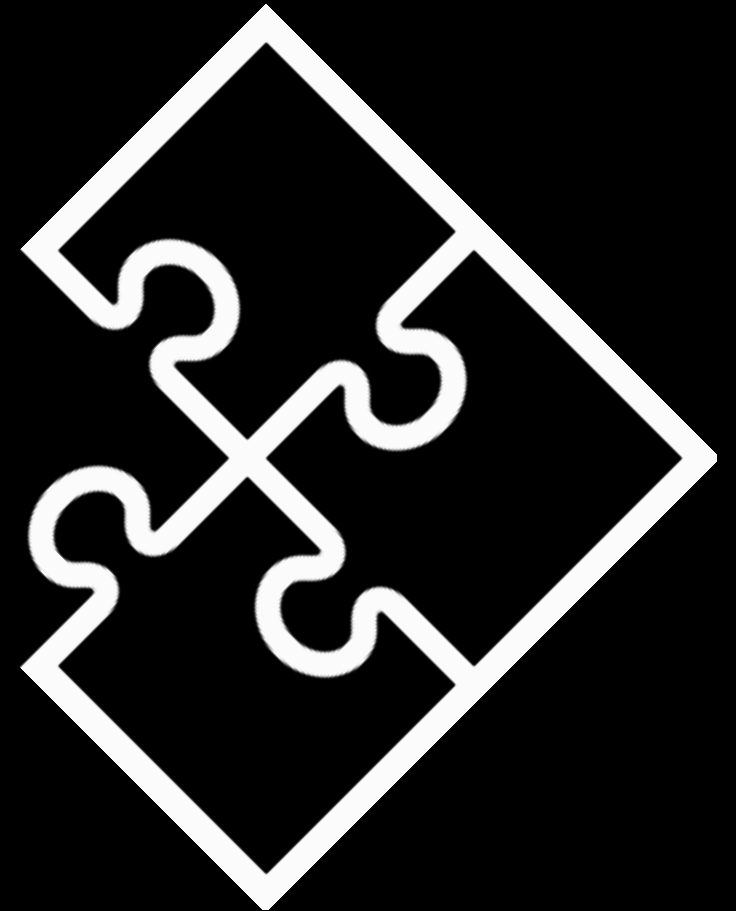
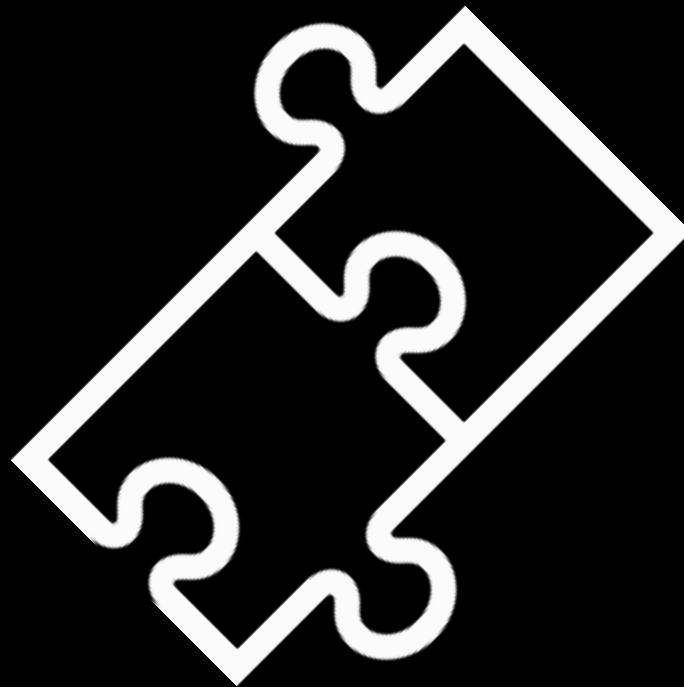
MOTIVATION

MOTIVATION

- computing science is a **popular destination with many applicants**.
- subjects under the umbrella of **computing science are considered crucial to economic growth**.
- computing science as the has one of the **highest unemployment rates for graduates**.
- graduates with at least some **experience of the enterprise** often better positioned.

INTEGRATION

INTEGRATION















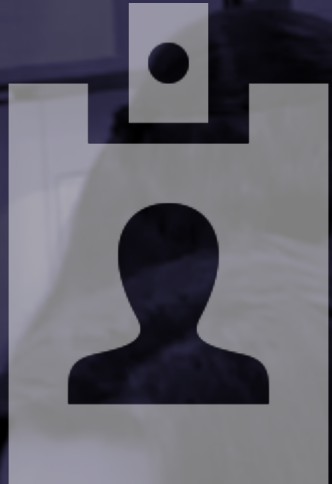


- **Contacts**
- **Student engagement**
- **Appropriate level**
- **Difficulty assessing**
- **Company promotion**

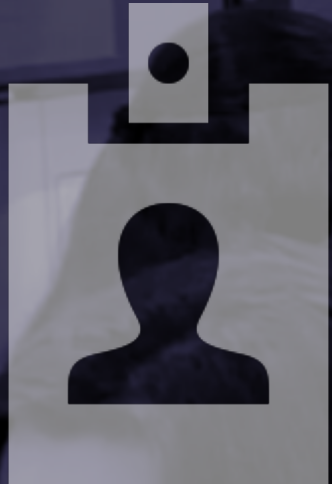


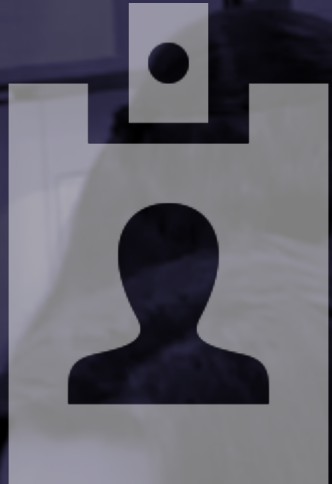


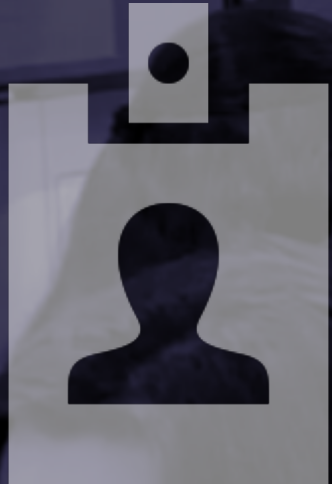














- **Students underestimate the professionalism required**
- **Timetabling one session for assessment**
- **Industry commitment to assessment**
- **Appropriate expectations for grading**







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- **Requires significant input and resources from a company.**
- **Understanding from other academics.**
- **Expectations of assessment and use of feedback.**
- **Dependancy on external organisation.**





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LESSONS LEARNED

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- contact industry partners early and maintain good relations
- set expectations with industry
- risk of exposing students to industry partners
- timetable early (e.g. irritate staff etc)
- risk of students becoming distracted

SUMMARY

- integrating industry has the potential to improve employability for students.
- potential to improve authenticity and relevancy of assessment and feedback.
- also expensive to coordinate and perform the initial integration.
- deeper integration ideally should be done collectively, rather than as an individual

QUESTIONS

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