Propose a vacation student project for Summer 2018

Deadline for making your proposal(s): 17:00 Friday 23 March. This is a hard deadline.

Please fill in and submit this form multiple times for multiple proposals. Any queries, do ask - Toby.

Project supervisor email *

giles.reger@manchester.ac.uk

Title of the project *

Developing Lab Material for COMP26120

Source of funding *

- School funding requested
- You have your own funding (e.g. research grant)

Objective of the project *

To revise and extend the material associated with the labs for COMP26120. This may include developing code templates, model solutions, instruction booklets, or infrastructure for automatic marking. The course will be updated slightly next year but the general content (algorithms) and aims remain the same.

Number of students requested (justify if > 1) *

1

Start date, end date, total duration (weeks) *

11 June (earliest). Duration of 10 weeks.
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The benefit to the School *

I'm aware that some of the lab material for the course is often commented on negatively in the student survey. Improving material will improve the learning experience for students.

The benefit to the student *

Experience in development of teaching material. Revision of the content of COMP26120.

Skills needed by the student. *

To have taken COMP26120, to be comfortable with C, to be able to write (e.g. for instructions), and be interested in algorithms.

Details of the work that the student would do *

This is not yet completely clear as the syllabus is being revised. It is clear that some new labs will need to be written and some old labs revised. We may also explore the introduction of automatic systems for checking the correctness of solutions and may ask the student to help with this.

Infrastructure requirements and any required staff support other than the project supervisor *

Others involved in 26120 will give input.

Supervision arrangements throughout the duration of the project (named staff and dates covering the entire duration) *

Giles Reger generally. I have two short periods of going away that should not affect supervision and one week-long holiday toward the end of the duration. I am asking Lucas if he will cover this.
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Location of the project work (building/room) *

Kilburn