

Propose a vacation student project for Summer 2020

This call is now closed

The deadline for making your proposal(s) was 18:00 Friday 13 March 2020.

This form is for one project proposal, so to propose multiple projects please submit a separate form for each project. Any queries, do ask - Toby.

Project supervisor email *

gareth.henshall@manchester.ac.uk

Title of the project *

Automated Python Marking Tool

Source of funding *

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

Objective of the project *

To create an automated marking and feedback tool for use within the COMP16321 (Intro to Programming) course unit.

Number of students requested (justify if > 1) *

1

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

8th June - 28th August (12)

The benefit to the Department *

To enable consistent marking, timely feedback and a save on staff/GTA resources.

The benefit to the student *

Development of problem solving and programming skills. An opportunity to work on an individual project with the guidance of two members of staff.

Skills needed by the student. *

GUI design principles, good coding standards and a knowledge of standalone and/or web applications.

Details of the work that the student would do *

Design and create the program which will automatically mark Python source code and produce feedback for the students.

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

Access to a laptop or desktop PC.

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

Gareth Henshall & Stewart Blakeway (both for the duration). One or both of us will meet with the student on a regular basis.

Location of the project work (building/room) NB projects must be on-campus *

Kilburn Building. Room tbc.

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