Propose a vacation student project for Summer 2017

Deadline for making your proposal(s): 09:00 Monday 10 April. 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 *

duncan.hull@manchester.ac.uk

Title and objective of the project *

A jobs board for students in Computer Science

Number of students requested (with justification if more than 1) *

1

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

12 weeks, June to August

The benefit to the School *

1. Employability: Improved advertising of placements, summer jobs and graduate positions for our students
2. Better engagement from students with employers from our industry club

The benefit to the student *

Analysis and design of a solution, requirements gathering, testing and implementation.
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Skills needed by the student. *

Web development and Javascript using Angular, Node or React or similar with some use of RESTful APIs. Good HTML and CSS.

Details of the work that the student would do *

Placements, internships and graduate positions are currently advertised on moodle and careers link. Since moodle will no longer be used, the School would like to investigate improved and alternative mechanisms for advertising vacancies to students including

1. Blackboard (e.g. using RESTful APIs)
2. And/or Possibly a custom web/mobile application

The final solution needs to allow students to search and browse for vacancies as well as linking to individual jobs. Students should be able to subscribe to notifications (by email and phone) and be able to access information on mobile devices. Job adverts should only be visible to authenticated students in Computer Science.

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

Access to Blackboard APIs is required.

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

Duncan Hull and Mabel Yau

Location of the project work (building/room) *

Kilburn building, any room (or lab) that is available

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