

Computer Science Internship

Supervisor: Alex Voss, alex.voss@st-andrews.ac.uk

We are collaborating with Wirefree Productions to run a weekly radio show for BBC 5Live called the 5Live Hitlist. The show covers the top 40 news items that were prominent online – as measured by activity on Twitter, Facebook, Google and Youtube (Wikipedia soon to follow). With the initial two-year run of the show coming to an end and with possible additional customers in sight, we are looking to revise the workflow used to produce the top 40 list, to increase efficiency and the level of automation.

Internship details

- Start as soon as possible – for honours students this might mean mid-July to mid-September or for MSc students after submission of their dissertation.
- The internship will be for 8 weeks with a vocational scholarship paid at £250 / week.

Duties

- Development of a user interface for a system that allows journalists to explore the data that underlies the 5Live Hitlist and provides context for it.
- Contribute to the definition of the RESTful API on the server side that makes the data accessible.
- The applicant will be expected to take part in regular Skype meetings with colleagues at Warwick University.

Necessary Experience

- HTML5 and CSS
- JavaScript client-side scripting
- Experience with using RESTful interfaces

Ideal Experience

- Experience with AngularJS
- Experience with a charting library and/or d3
- Experience with WebSockets

How to Apply

If you are interested, please contact Alex Voss (alex.voss@st-andrews.ac.uk) before 18th July with the following information:

- your name, degree and year of study,
- any relevant experience, ideally backed up by examples of your work,
- a statement of interest that describes why you think you would be a good fit for this internship.

Applications are particularly welcome from women, who are under-represented in Research and Development posts at the University.

The University of St Andrews is committed to promoting equality of opportunity for all, which is further demonstrated through its working on the Gender and Race Equality Charters and being awarded the Athena SWAN award for Women in Science, HR Excellence in Research Award and the LGBT Charter. See <http://www.st-andrews.ac.uk/hr/edi/diversityawards/>

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