

**NUS Graduate School for Integrative Sciences and Engineering
Research Project Write-up**

Title of Project : Web Forum Processing

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Short Description

We are looking for a student to work on forum processing. The ideal student will need background in information retrieval, natural language processing and machine learning.

The tasks in the research will be to build theory and implementations to answer the questions of:

- threading discussions within forum posts (see [1])
- identifying and dereferencing identical users across different websites
- classification of forum post with respect to a faceted topic hierarchy
- classification of forum sites with respect to a faceted topic hierarchy

[1] Kai Wang, Zhaoyan Ming, Tat-Seng Chua: A syntactic tree matching approach to finding similar questions in community-based qa services. SIGIR 2009:187-194

The capable student will be funded by the NExT center cooperative between NUS and Tsinghua University (THU), in China.