

Semantic Web Topics 2016

Assignment 9: Rebuttal, Paper update, Semantic Information Extraction, and New Work review

Assignment 9: 10 points of overall credit score for the new work review. 20 points for the rebuttal and updated paper.

Due: Follow up paper review due Thursday night November 3, 2016 (by 11:59 eastern standard time). Your updated paper and rebuttal is due in EasyChair Sunday night November 6 by 11:59pm eastern time.

Matt and Amar will present

Late submission policy: First time with valid reason - no penalty, otherwise 20% of score deducted each late day.

NOTE: THIS IS A TWO-PART ASSIGNMENT the paper review is due Thursday night as usual for the review and Sunday night for your paper update and rebuttal. The review must be submitted via email to BOTH Prof. McGuinness d1m@cs.rpi.edu AND Jim McCusker mccusj2@rpi.edu.

Please note the naming scheme – please use this scheme for all assignments.

It is:

<courseName>_<Assignment number>_<YourName>.<fileTypeExtension>.

Naming scheme: Sem2016-AssnNumber_YOUR_NAME.ext

(example Sem2016-1_DeborahMcGuinness.doc)

Note: If you do your work in word or some straight text format, please submit in that over pdf –it makes adding notes easiest.

If possible give us a pointer to a google doc where the following people have WRITE access AND allow us to change access privileges.

Jim McCusker, mccusker@gmail.com and mccusj2@rpi.edu

Deborah McGuinness d1m McGuinness@gmail.com and d1m@cs.rpi.edu ,

Sabbir Rashid rashis2@rpi.edu

Compose a paper (up to 5 pages) that follows up on subsequent related work for one of the papers we have assigned this semester.

- What are the most significant breakthroughs in this area since the paper was published? 2 pts
- What challenges are still outstanding, and what new challenges have arisen? 1 pt
- Are the claims in the new papers grounded in the relevant research and do those references support the claims? 1 pt

Additional points for the overall assignment:

2 points writing quality/style, paper structure and flow

Be prepared to briefly discuss the papers you have found in class and give a 3 minute description of the highlights of the research you have found. 2 pts

Be prepared to discuss the following assigned papers, demonstrating that you have read them (class participation points):

- Demartini, Gianluca, Djellel Eddine Difallah, and Philippe Cudré-Mauroux. "[ZenCrowd: leveraging probabilistic reasoning and crowdsourcing techniques for large-scale entity linking](#)." In *Proceedings of the 21st international conference on World Wide Web*, pp. 469-478. ACM, 2012.
- Jinguang Zheng, Daniel Howsmon, Boliang Zhang, Juergen Hahn, Deborah L. McGuinness, James A. Hendler, Heng Ji: [Entity linking for biomedical literature](#). BMC Med. Inf. & Decision Making 15(S-1): S4 (2015)
- Francis-Landau, Matthew, Greg Durrett, and Dan Klein. "[Capturing Semantic Similarity for Entity Linking with Convolutional Neural Networks](#)." *arXiv preprint arXiv:1604.00734* (2016).

Include in your homework submission a paragraph about how the semantic natural language and entity linking work might relate to your work. 2 pts

Submit a revision of your work to EasyChair based on the review feedback

The reviews on the completed papers have been very thoughtful, constructive, and high quality. Submit a revision of your paper with changes that respond to the reviews, along with a rebuttal that explains what changes you make, or defend the reasons for not changing the paper in response to specific feedback. Grading will be based on how satisfied your reviewers are that you have addressed their reviews.

Note - If you have not yet submitted your paper, submit your draft here instead of the revision. This is your last chance to get feedback from your reviewers.