Reinald Kim Amplayo

Ph.D. Student
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Education

M.A. Library and Information Science, Yonsei University   2016–2018
Thesis: "System of Contexts: Generative Models for Unsupervised Sense Disambiguation"

B.S. Information Technology, Ateneo de Davao University   2009–2013
Thesis: "Automated Essay Grading using Reflective Random Indexing"

Employment

Research Intern   2020
Brain Team, Google Mountain View
Host: Peter J. Liu

Awards

Google PhD Fellowship ($180,000)   2019–2022

Principal's Career Development Scholarship, University of Edinburgh (~$140,000)   2018–2021
(Terminated midway and accepted the Google PhD Fellowship)

Korean Government Scholarship Program Award, NIIED (~$40,000)   2015–2018

Publications

CONFERENCE AND JOURNAL ARTICLES

1. **RK Amplayo** and M Lapata. Unsupervised opinion summarization with noising and denoising. In *Annual Meeting of the Association for Computational Linguistics*, 2020.

2. **RK Amplayo**, S Lim, and Sw Hwang. Text length adaptation in sentiment classification. In *Asian Conference on Machine Learning*, 2019.

3. **RK Amplayo**. Rethinking attribute representation and injection for sentiment classification. In *Empirical Methods in Natural Language Processing and International Joint Conference on Natural Language Processing*, 2019.

4. J Kim, **RK Amplayo**, K Lee, S Sung, M Seo, and Sw Hwang. Categorical metadata representation for customized text classification. *Transactions of the Association for Computational Linguistics*, 7:201–215, 2019.

5. **RK Amplayo**, Sw Hwang, and M Song. AutoSense model for word sense induction. In *AAAI Conference on Artificial Intelligence*, volume 33, 2019.

6. M Cho, **RK Amplayo**, Sw Hwang, and J Park. Adversarial TableQA: Attention supervision for question answering on tables. In *Asian Conference on Machine Learning*, 2018.

7. **RK Amplayo**, J Kim, S Sung, and Sw Hwang. Cold-start aware user and product attention for sentiment classification. In *Annual Meeting of the Association for Computational Linguistics*, 2018.

8. **RK Amplayo**, K Lee, J Yeo, and SW Hwang. Translations as additional contexts for sentence classification. In *International Joint Conference on Artificial Intelligence*, 2018.

9. **RK Amplayo**, S Lim, and Sw Hwang. Entity commonsense representation for neural abstractive summarization. In *North American Chapter of the Association for Computational Linguistics: Human Language Technologies*, 2018.

10. J Yeo, G Lee, G Wang, S Choi, H Cho, **RK Amplayo**, and Sw Hwang. Visual choice of plausible alternatives: An evaluation of image-based commonsense causal reasoning. In *International Conference on Language Resources and Evaluation*, 2018.

11. **RK Amplayo**, S Lee, and M Song. Incorporating product description to sentiment topic models for improved aspect-based sentiment analysis. *Information Sciences*, 454:200–215, 2018.

12. **RK Amplayo**, S Hong, and M Song. Network-based approach to detect novelty of scholarly literature. *Information Sciences*, 422:542–557, 2018.

13. **RK Amplayo** and Sw Hwang. Aspect sentiment model for micro reviews. In *International Conference on Data Mining*, 2017.

14. **RK Amplayo** and M Song. An adaptable fine-grained sentiment analysis for summarization of multiple short online reviews. *Data & Knowledge Engineering*, 110:54–67, 2017.

PREPRINTS AND WORKSHOP ARTICLES

15. **RK Amplayo** and M Lapata. Informative and controllable opinion summarization. *arXiv preprint arXiv:1909.02322*, 2019.

16. **RK Amplayo**, Sw Hwang, and M Song. Evaluating research novelty detection: Counterfactual approaches. In *Workshop on Graph-Based Methods for Natural Language Processing*, 2019.

17. C Park, J Kim, Hg Lee, **RK Amplayo**, H Kim, J Seo, and C Lee. ThisIsCompetition at SemEval-2019 Task 9: BERT is unstable for out-of-domain samples. In *International Workshop on Semantic Evaluation*, 2019.

18. **RK Amplayo** and M Song. Building content-driven entity networks for scarce scientific literature using content information. In *Workshop on Building and Evaluating Resources for Biomedical Text Mining*, 2016.

Teaching

1. Teaching Assistant | University of Edinburgh   2019
   Informatics MSc Dissertation

2. Lecturer | Ateneo de Davao University 2013–2014
   Competitive Programming
   Data Structures and Algorithms
   Discrete Structures
   Introduction to Computer Programming
   Database Systems

Professional Service

CONFERENCE REVIEWING

Annual Meeting of the Association for Computational Linguistics (ACL) 2019–2020

Empirical Methods in Natural Language Processing (EMNLP) 2019–2020

International Conference on Machine Learning (ICML) 2020

Asia-Pacific Chapter of the Association for Computational Linguistics (AACL) 2020

North American Chapter of the Association for Computational Linguistics (NAACL) 2019

Joint Conference on Lexical and Computational Semantics (*SEM) 2019

PROFESSIONAL MEMBERSHIPS

Association for Computational Linguistics (ACL) 2018–

Association for the Advancement of Artificial Intelligence (AAAI) 2019