

REYYAN YENİTERZİ

Language Technologies Institute
School of Computer Science
Carnegie Mellon University
5000 Forbes Ave
Pittsburgh PA 15213

reyyan@cs.cmu.edu
<http://www.cs.cmu.edu/~reyyan/>

EDUCATION

Ph.D., Language Technologies Institute, School of Computer Science, Carnegie Mellon University, Pittsburgh, PA, 2015 (Expected)

Advisor: Jamie Callan

Thesis title: Effective Approaches to Retrieving and Using Expertise in Social Media.

Research Fellowship

M.Sc., Language Technologies Institute, School of Computer Science, Carnegie Mellon University, Pittsburgh, PA, 2012

Advisor: Jamie Callan

Research Fellowship and Women@IT Fellowship

M.Sc., Computer Science and Engineering Program, Faculty of Engineering and Natural Sciences, Sabanci University, Istanbul, TURKEY, 2009

Advisor: Kemal Oflazer

Thesis title: Syntax-to-morphology alignment and constituent reordering in factored phrase-based statistical machine translation from English to Turkish.

The Scientific and Technological Research Council of Turkey (TUBITAK) Scholarship

B.Sc., Computer Science and Engineering Program, Faculty of Engineering and Natural Sciences, Sabanci University, Istanbul, TURKEY, 2007

Advisor: Kemal Oflazer

Graduation Project Title: Developing an online multiplayer game to collect statistical data for word alignments between English – Turkish parallel sentences.

SU Sakıp Sabancı Honor Scholarship

RESEARCH INTERESTS

Information Retrieval, Expertise Retrieval, Social Network Analysis and Text Mining

PUBLICATIONS

Reyyan Yeniterzi and Jamie Callan. Constructing Effective and Efficient Topic-Specific Authority Networks for Expert Finding in Social Media, in *Proceedings of the SIGIR 2014 International Workshop on Social Media Retrieval and Analysis*, Gold Coast, Australia. 2014.

Reyyan Yeniterzi and Jamie Callan. Analyzing Bias in CQA-based Expert Finding Test Sets, in *Proceedings of the 37th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval*, Gold Coast, Australia. 2014.

Reyyan Yeniterzi, Effective Approaches to Retrieving and Using Expertise in Social Media, in *Proceedings of the 36th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval*, Dublin, Ireland. 2013.

Yubin Kim, **Reyyan Yeniterzi** and Jamie Callan. Overcoming Vocabulary Limitations in Microblogs, in *Proceedings of the Twenty First Text REtrieval Conference (TREC 2012)*, Gaithersburgh, MD, 2012.

Derry Tanti Wijaya, **Reyyan Yeniterzi**, Understanding Semantic Change of Words Over Centuries , in *Proceedings of the 20th ACM Conference on Information and Knowledge Management (CIKM 2011) Workshop on DETecting and Exploiting Cultural diversiTY on the Social Web (DETECT 2011)*, Glasgow, UK, 2011.

Reyyan Yeniterzi, Exploiting Morphology in Turkish Named Entity Recognition System, in *Proceedings of the 49th Annual Meeting of the Association for Computational Linguistics - Student Session (ACL)*, Portland, Oregon, 2011.

John Aberdeen, Samuel Bayer, **Reyyan Yeniterzi**, Ben Wellner, Cheryl Clark, David Hanauer, Bradley Malin and Lynette Hirschman. The MITRE Identification Scrubber Toolkit: Design, Training, Assessment, *International Journal of Medical Informatics*, 79(12): 849-859, 2010.

Reyyan Yeniterzi, Kemal Oflazer. Syntax-to-Morphology Mapping in Factored Phrase-Based Statistical Machine Translation from English to Turkish, In *Proceedings of the 48th Annual Meeting of the Association for Computational Linguistics (ACL)*, Uppsala, Sweden, 2010.

Reyyan Yeniterzi, John Aberdeen, Samuel Bayer, Lynette Hirschman, Ben Wellner and Bradley Malin. Effects of Personal Identifier Resynthesis on Clinical Text De-identification, *Journal of the American Medical Informatics Association*,17: 159-168, 2010.

Esra Erdem, **Reyyan Yeniterzi**, Transforming Controlled Natural Language Biomedical Queries into Answer Set Programs, In *Proceedings of the BioNLP 2009 Workshop at the Annual Meeting of the Association for Computational Linguistics (ACL)*, Boulder, CO, 2009.

Süveyda Yeniterzi, **Reyyan Yeniterzi**, Alper Küçükural, Nilay Noyan, Uğur Sezerman. A New Approach to Measure the Similarities of Protein Structures Using Network Properties. In *Proceedings of the 3rd International Symposium on Health Informatics and Bioinformatics (HIBIT)*, Istanbul, Turkey, 2008.

Alper Küçükural, **Reyyan Yeniterzi**, Süveyda Yeniterzi, Uğur Sezerman. Evolutionary Selection of Minimum Number of Features for Classification of Gene Expression Data Using Genetic Algorithms. In *Proceedings of the 9th Annual Conference on Genetic and Evolutionary Computation (GECCO)*, London, England, 2007.

Süveyda Yeniterzi, **Reyyan Yeniterzi**, Alper Küçükural, Uğur Sezerman. Feature Selection with Genetic Algorithms on Medical Data. In *Proceedings of the 2nd International Symposium on Health Informatics and Bioinformatics (HIBIT)*, Antalya, Turkey, 2007.

WORK EXPERIENCE

Research Assistant, **Carnegie Mellon University**, Doha, Qatar, Spring 2009.

Supervisor: Kemal Oflazer, Professor at CMU

Visiting Student, **Health Information Privacy Laboratory, Vanderbilt University (VU)** Nashville, TN, Summer 2008.

Supervisor: Bradley Malin, Professor at VU

Software Engineering Intern, **Google**, Mountain View, CA, Summer 2007.

Supervisor: Natasha Mohanty, Software Engineer at Google News Team

Research Intern, **International Computer Science Institute (ICSI)** Berkeley, CA, Summer 2006.

Supervisor: Dilek Hakkani Tür, Senior Researcher at ICSI

Research Intern, **Sabanci University (SU)**, Istanbul, Turkey, Summer 2005.

Supervisor: Uğur Sezerman, Professor at SU

Intern, **Microsoft Summer School**, Istanbul, Turkey, Summer 2005.

Teaching Assistant, Information Retrieval (2 terms), Introduction to Programming Course (3 terms) and Advanced

Programming Course (4 terms)

ACCOMPLISHMENTS

Honorable Mention award in the LTI student research symposium in 2012

Research Fellowship through PhD studies

Barbara Lazarus Women@IT Fellowship

The Scientific and Technological Research Council of Turkey (TUBITAK) Scholarship through graduate education

Sabanci University Scholarship through undergraduate and graduate education

Sabanci University Certificate of High Honor (for 6 semesters)

Sabanci University 2005 Extracurricular Activities Awards

PROGRAMMING SKILLS

C/C++, Java, Perl, Matlab, Basic shell

REFERENCES

Available upon request