

REYYAN YENİTERZİ

Language Technologies Institute
School of Computer Science
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EDUCATION

Ph.D., Language Technologies Institute, School of Computer Science, Carnegie Mellon University, Pittsburgh, PA, 2014 (Expected)

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, Text Mining, Data Mining and Statistical Machine Translation

PUBLICATIONS

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 Third 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 Second 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, Introduction to Programming Course (CS 201), 3 semesters

Teaching Assistant, Advanced Programming Course (CS 204), 4 semesters

ACCOMPLISHMENTS

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 (in music for great contribution to the university community life via music activity)

PROGRAMMING SKILLS

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

REFERENCES

Available upon request