

FAEGHEH HASIBI

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SUMMARY

I am an information retrieval and semantic search researcher, passionate about turning science into practical systems.

Research interests: Information retrieval; Semantic search; Data mining; Machine learning; Computational linguistics

PROFESSIONAL APPOINTMENTS

AUG. 2016	Visiting researcher, University of Stavanger , Norway
APR. 2016	Research on generating and evaluating factual summaries of entities for entity cards, using machine learning and crowd sourcing techniques. I visited the IAI research group, lead by Prof. Krisztian Balog.
JAN. 2014	Research intern, Yahoo! Research Lab , Spain
OCT. 2013	Worked on disambiguating entities in web search queries across different knowledge bases. I was part of Web retrieval research group and worked with Dr. Barla Cambazoglu.
JUNE 2010	Software engineer, FAVA Institute , Iran
SEP. 2009	Developed a Web-based automation system, and a bus tracker (using Teltonika GSM/GPS device).

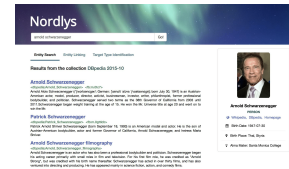
EDUCATION

<i>Present</i>	PhD. Norwegian University of Science and Technology , Norway
OCT. 2012	Advisors: Prof. Svein Erik Bratsberg, Prof. Krisztian Balog, Dr. Øystein Torbjørnsen Research on semantic and entity-oriented search; esp., query understanding, entity retrieval, and entity summarization. In words of one syllable, understanding the intent behind search queries, providing relevant answers, and presenting them in the search engine result pages.
SEP. 2012	MSc. Chalmers University of Technology - University of Gothenburg , Sweden
SEP. 2010	Major: Computer Science - Programming language GPA: 5/5 Thesis: "Adaptable Controlled Natural Languages for Online Query Systems" Advisor: Prof. Aarne Ranta
SEP. 2009	BSc. Shahid Bahonar University of Kerman , Iran
SEP. 2005	Major: Computer engineering - Software engineering GPA: 16/20 (3.2/4)

SKILLS

<i>Programming</i>	Python, Java, C#, Haskell, Pig, Hadoop streaming, C/C++, Erlang Web design and programming (Flask, CSS, ASP.NET) <i>(all sorted by the degree of proficiency/preference)</i>
<i>Tools</i>	Lucene, Elasticsearch Scikit-learn, Weka, RankLib MongoDB, SQL Server Git, IPython Notebook, R, Octave Crowdfunder crowdsourcing platform

Open source project **Nordlys** (<http://nordlys.cc>)
A toolkit for entity-oriented and semantic search. It provides *Web interface*, *API*, and *command line usage* for 3 semantic search tasks: entity retrieval, entity linking, and target type identification.



SELECTED PUBLICATIONS

For the complete list of publications please visit my [homepage](#) or [Google scholar profile](#).

- **F. Hasibi**, K. Balog, and S. E. Bratsberg. “*Dynamic Factual Summaries for Entity Cards*”, To appear in proceedings of 40th ACM SIGIR conference on Research and Development in Information Retrieval (SIGIR '17), 2017.
- **F. Hasibi**, F. Nikolaev, C. Xiong, K. Balog, S. E. Bratsberg, A. Kotov, and J. Callan. “*DBpedia-Entity v2: A Test Collection for Entity Search*”, To appear in proceedings of 40th ACM SIGIR conference on Research and Development in Information Retrieval (SIGIR '17), 2017.
- **F. Hasibi**, K. Balog, D. Garigliotti, and S. Zhang. “*Nordlys: A Toolkit for Entity-Oriented and Semantic Search*”, To Appear in proceedings of 40th ACM SIGIR conference on Research and Development in Information Retrieval (SIGIR '17), 2017.
- D. Garigliotti, **F. Hasibi**, and K. Balog. “*Target Type Identification for Entity-Bearing Queries*”, To appear in proceedings of 40th ACM SIGIR conference on Research and Development in Information Retrieval (SIGIR '17), 2017.
- **F. Hasibi**, K. Balog, and S. E. Bratsberg. “*Entity Linking in Queries: Efficiency vs. Effectiveness*”. In proceedings of 39th European Conference on Information Retrieval (ECIR), pages 40–53, 2017.
- **F. Hasibi**, K. Balog, and S. E. Bratsberg. “*Exploiting Entity Linking in Queries for Entity Retrieval*”. In proceedings of ACM SIGIR Conference on the Theory of Information Retrieval (ICTIR), pages 209–218, 2016.
- **F. Hasibi**, K. Balog, and S.E. Bratsberg. “*On the reproducibility of the TAGME Entity Linking System*”, In proceedings of 38th European Conference on Information Retrieval (ECIR), pages 436–449, 2016.
- **F. Hasibi**, K. Balog, and S. E. Bratsberg. “*Entity Linking in Queries: Tasks and Evaluation*”. In proceedings of ACM SIGIR Conference on the Theory of Information Retrieval (ICTIR), pages 171–180, 2015.

SELECTED TALKS

- “*Semantic Search and Result Presentation with Entity Cards*”
 - Search Engines Amsterdam (SEA) meetup, The Netherlands, June 2017
 - University of Twente, The Netherlands, July 2017
- “*Entity Linking in Queries*”
 - University of Massachusetts Amherst, US, October 2015

AWARDS

- Best short paper honorable mention award at SIGIR '17 conference, 2017
- Best paper honorable mention award at ICTIR '16 conference, 2016
- First place student support award at the Balisage 2014 conference, 2014

GRANTS

- ACM SIGIR student travel grant to attend SIGIR '17, ICTIR '16, and ICTIR '15 conferences
- NTH travel grant for PhDs, May 2016
- Travel grant to attend Grace Hopper Conference (GHC), WeLead program, NTNU, 2015
- Travel grant to attend Balisage conference, winner of student award competition, 2014

ACADEMIC SERVICES

- PC member of *LocWeb@WWW 2017*, *KG4IR@SIGIR 2017*
- Reviewer of WSDM '16, IJCAI '16, ICTIR '16, CLEF '16, ECIR '16
- Examiner of BSc theses, University of Stavanger, 2015, 2016, 2017

TEACHING EXPERIENCE

- Assignment coordinator* **Information Retrieval**, Fall 2014, 2015
Norwegian University of Science and Technology
- Data Modeling and Database Management Systems**, Spring 2014, 2015, 2016
Norwegian University of Science and Technology
- Operating Systems**, Fall 2013
Norwegian University of Science and Technology
- Guest lecturer* **Entity Linking in Queries**, 10-11-2015
"Web Search and Data Mining" course, University of Stavanger
- Entity Linking**, 08-11-2016, 09-11-2016
"Web Search and Data Mining" course, University of Stavanger
- Co-supervisor* **MSc. thesis**, Tino Hakim Lazreg, 2015-2016
Thesis: "Entity Retrieval through Entity Annotated Corpus"

SELECTED COURSES

- PhD.* Information Retrieval, Web Mining, PhD seminar in database systems,
Advanced Course in Web Indexing and Retrieval
- MSc.* Functional Programming , Programming languages, Programming Paradigms,
Concurrent programming, Compiler Construction, Computational Syntax,
Logic in Computer Science, Requirement Engineering
- Independent* Machine Learning, Coursera, Stanford University
Teaching training seminar, NTNU (3 days - 2016)

LANGUAGES

- English* Fluent
- Norwegian* Limited working proficiency (Norskprøve 2 certificate)
- Persian* Mother tongue