CORINA FLORESCU

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OVERVIEW

- Motivated **Ph.D. student** seeks an internship to gain industrial experience in fields like machine learning, information retrieval, natural language processing and artificial intelligence
- Experience in **Machine Learning**, Information Retrieval and Natural Language Processing research projects
- Proficient in JAVA, C++ and SQL

TECHNICAL SKILLS

- *Programming languages:* Java, C++, MySQL, PL/SQL, MATLAB, Python, PHP, CSS, HTML
- *Frameworks and Tools:* Weka, WordNet, Hadoop, Mallet, Eclipse, NetBeans, Sublime

PROFESSIONAL EXPERIENCE

Research Assistant   *January 2015 – present*
Machine Learning Group Lab, University of North Texas, Texas, USA. Advisor: Dr. Cornelia Caragea

Unsupervised keyphrase extraction
- Used position and topic biased random walks to extract more comprehensive keyphrases for a document;
- Developed a new compositional scheme to score multi word phrases which shows increase in the performance of keyphrase extraction up to 70% compared to state-of-the-art approaches

Supervised document classification
- Used information accumulated in a document network and embedded it in a co-training framework to improve the topic classification task
- Showed improvements over the early and late fusion of classifiers

Computer Science Teacher   *September 2008 - September 2012*
"I. L. Caragiale" High School, Bucharest, Romania.

- Taught programming languages (C++, SQL, PL/SQL, PHP)
- Taught information technology (Windows, Microsoft Office)

EDUCATION

Ph.D. - Computer Science   *January 2015 - present*
University of North Texas, Denton, Texas, USA. Advisor: Dr. Cornelia Caragea
Machine Learning, Information Retrieval, Artificial Intelligence, Natural Language Processing
GPA: 4.0
M.S. – Computer Science   *2008 – 2010*
University of Bucharest, Bucharest, Romania. Advisor: Dr. Horia Georgescu
B.S. – Computer Science and Mathematics   *2004 – 2008*
University of Bucharest, Bucharest, Romania.

ACHIEVEMENTS AND AWARDS

Travel Grant from Women in Machine Learning, 2016
Toulouse Graduate School(TGS) Tuition Benefit Scholarship
Ph.D. support (GF1703)

PUBLICATIONS

Corina Florescu, Cornelia Caragea. "An unsupervised algorithm for keyphrase extraction". In Women in Machine Learning Workshop (WiML), co-located with The 30th Annual Conference on Neural Information Processing Systems (NIPS), Barcelona, Spain 2016.

CERTIFICATIONS

Oracle Academy: Database Design and Programming with SQL, 2009
Oracle Academy: Database Programming with PL/SQL, 2010
Cisco Networking Academy: CCNA Exploration: Network Fundamentals, 2011