
MONIREH EBRAHIMI

Contact

Tel : +19379522352

e-mail: monireh@knoesis.org

Homepage : <http://knoesis.org/resources/researchers/monireh/>

Education

2015

PhD Student in Computer Science

Kno.e.sis (Ohio Center of Excellence in Knowledge-enabled Computing) – Wright State University

2012 to 2013

Master in Computer Science (GPA: 4/4, 6 A+ out of 7 subjects, maximum grade in all offered subjects, *BEST STUDENT*)

Universiti Teknologi Malaysia (UTM), Faculty of Computing, Skudai, Johor, Malaysia

Dissertation Title: “**Side Effects Recognition as Implicit Opinion Words in Medical Reviews**”

2006 to 2011

Bachelor in Software Engineering (Cumulative GPA: 15.85/20, last two years GPA: 16.08/20, Average GPA of other Students: 14.15/20)

Shiraz University, Faculty of Computer and Electrical Engineering, Shiraz, Iran

Publications

(Impact
0.64)

Factor: Iraj Sadegh Amiri, **Monireh Ebrahimi**, Amir Hossein Yazdavar, S. Ghorbani, S. E. Alavi, Sevia M. Idrus, J. Ali, “Transmission of Data with OFDM Technique for Communication Networks Using GHz Frequency Band Soliton Carrier”, IET Communications Journal (IEEE) (Published)

(Impact
2.291)

Factor: Elnaz Akbari, Zolkafle Buntat, Aria Enzevaeae, **Monireh Ebrahimi**, Amir Hossein Yazdavar, Rubiyah Yusof, “Analytical Modelling and Simulation of I-V Characteristics in Carbon Nanotube Based Gas Sensors Using ANN and SVR Methods”, Chemometrics and Intelligent Laboratory Systems Journal, (Elsevier), (Published)

Monireh Ebrahimi, Amir Hossein Yazdavar, Naomie Salim, “Recognition of Side Effects as Implicit-Opinion Words in Drug Reviews” Journal of Soft Computing and Decision Support Systems, (Submitted)

Amir Hossein Yazdavar, **Monireh Ebrahimi**, Naomie Salim, “Fuzzy Based Implicit Sentiment Analyses on Quantitative Sentences in Drug Reviews”, Journal of Soft Computing and Decision Support Systems, (Submitted)

(Impact
0.437)

Factor: E.Tonnizam Mohamad, D. Jahed Armaghani, E. Momeni, Amir Hossein Yazdavar, **Monireh Ebrahimi**, “Prediction of Uniaxial Compressive Strength of Sandstone Based on PSO-BP Neural Network”, European Journal of Environmental and Civil Engineering, (under revision)

Research Experience

Graduate Research Assistant in “Context-Aware Harassment Detection on Social Media” and “eDrug Trends”, Kno.e.sis (Ohio Center of Excellence in Knowledge-enabled Computing) – Wright State University

- ✓ Machine Learning
- ✓ Deep Learning
- ✓ Social Media Analysis
- ✓ Natural Language Processing
- ✓ Cross Media Adaptation

Research assistance in “New Implicit Opinion Mining Model For Drug Effectiveness And Side Effect Recognition In Medical Reviews”. (Research Group in UTM)

- ✓ Sentiment Analysis,
- ✓ Social Biomedical Texts Analysis,
- ✓ ADR Extraction,
- ✓ Multi-Document Update Summarization

Research Assistant in image processing project (Innovation Center of Shiraz University)

- ✓ 3D Scanners, Stereo matching, Segmentation, 3D Reconstruction

3rd Image Processing & Computer Vision Workshop, (School of Electrical & Computer Engineering) Shiraz University

- ✓ Optical Character Recognition

Recognized Reviewer, Journal of Biomedical Informatics

- ✓ Biomedical Text Mining

Conference Subreviewer, 10th International AAAI Conference on Web and Social Media (ICWSM 2016)

- ✓ Sentiment Analysis
- ✓ Cross Domain Adaptation

Teaching Experience

Teacher Assistantship

Shiraz University

- ✓ Principles of Programming (C)

Research Interests

Machine Learning

Deep Learning

Social Media Analysis

Medical Informatics

Natural Language Processing

Information Extraction

Knowledge Discovery

Social Biomedical Texts Analysis

Sentiment Analysis

Key General Skills

Proficient or familiar with a vast array of programming languages, concepts and technologies, including:

JAVA, JAPE, JSP,
Python,
PHP, Joomla

ASP.Net, C
MySQL, SQLite

Windows, Linux, LATEX
PostgreSQL, LINQ

Matlab
Network fundamentals,
wireless (CWNA) and
security

Key Professional Research Skills

Proficient or familiar with a vast array of research tools, concepts, methods and technologies, including:

Machine Learning
algorithms & tools:

SVM, PSO, ANN, GA,
Fuzzy, WEKA,
Regression, and etc.

Natural Language
Processing tools:

GATE (General
Architecture for Text
Engineering), Lucene,
Stanford CoreNLP, and
etc.

Bioinformatics tools:

UMLS, MetaMap

Matlab toolbox:

Fuzzy, PSO, ANN

Courses

Information Retrieval

Advanced Artificial Intelligence

Advanced Database Systems

Proposal Writing

Machine Learning

Web 3.0: Next Generation Web & Apps

Advanced Algorithm Design

References

Prof. Amit Sheth, Founder & Executive Director, Kno.e.sis Center

Department of Computer Science & Engineering

Wright State University

3640 Colonel Glenn Hwy, Dayton, OH 45435

amit@knoesis.org

Prof. Krishnaprasad Thirunarayan, Professor, Department of Computer Science & Engineering

Wright State University,

3640 Colonel Glenn Hwy, Dayton, OH 45435

t.k.prasad@wright.edu

Activities and Interests

Sport	Playing ping pong
Flower	Collecting and planting
Music	Listening to traditional music
English	Reading and writing