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PROFESSIONAL PREPARATION

Middle East Technical University, Turkey, Mathematics, B.S. 1993

State University of New York at Stony Brook, Computer Science, M.S., 1995

State University of New York at Stony Brook, Computer Science, Ph.D., 2002

APPOINTMENTS

2009– Associate Professor, Dept. Computer Science and Engineering, Arizona State University

2002–2009 Assistant Professor, Dept. Computer Science and Engineering, Arizona State University

1998–2002 VP of Technology, XSB Inc., Stony Brook, New York

199–1998 Consultant, Bell Labs, Lucent Technologies, New Jersey

PUBLICATIONS

Ahmed S. T., Nair R., Patel C., Kanwar S., Davulcu H., Semantic Classification and Dependency Parsing enabled Automated Bio-Molecular Event Extraction from Text, *ACM International Conference on Bioinformatics and Computational Biology (ACM-BCB 2010)*.

Davulcu H., Mukhopadhyay S., Singh P., Yau S., Default alpha-Logic for Modeling Customizable Failure Semantics in Workflow Systems using Dynamic Reconfiguration Constraints, *Intl. Conference on Grid and Distributed Computing (GDC 2009)*, pp. 221–229.

Ahmed S.T., Bhindwale R., Davulcu H. Tracking Terror News Threads by Extracting Event Signatures. In *Proc. of the IEEE Intelligence and Security Informatics (ISI'2009)*: pp. 121–127.

Ahmed S. T., Davulcu H., Baral C. Extracting Protein-Protein Interactions from MEDLINE Using Syntactic Roles, *IEEE International Conference on Bioinformatics and Biomedicine (BIBM 2008)*.

Singh P., Davulcu H., Yau S., Mukhopadhyay S., A Risk Reduction Framework for Dynamic Workflows, *Proc. of the IEEE International Conference on Services Computing (SCC 2008)*, pp. 134–143

OTHER SIGNIFICANT PUBLICATIONS

Yau S.S., Davulcu H, Mukhopadhyay S, Huang D., Gong H., Singh P., Gelgi F., Automated Situation-Aware Service Composition in Service-Oriented Computing, *International Journal of Web Services Research on Services Engineering (JWSR)*, 4(4), 2007, pp. 59–82.

Vadrevu, S., Gelgi F., Davulcu, H., Information Extraction from Web Pages using Presentation Regularities and Domain Knowledge, *World Wide Web*,10(2), 2007, pp. 157–179.

Gelgi, F., Davulcu, H., Baum-Welch Style EM Approach on Simple Bayesian Models for Web Data Annotation, *Proc. of the ACM International Conference on Web Intelligence (WI 2007)*, pp. 736–742.

Davulcu H., Vadrevu S., Nagarajan S., OntoMiner: Automated Metadata and Instance Mining from News Websites. *The International Journal of Web and Grid Services (IJWGS 2005)*, 1(2), pp. 196–221.

Davulcu H., Kifer M., Ramakrishnan I.V., CTR-S: A Logic for Specifying Contracts in Semantic Web Services. *Proc. of the International World Wide Web Conference (WWW 2004)*, pp.144–153.

SYNERGISTIC ACTIVITY

- PC Member, SIAM Conference on Data Mining (SDM 2009)
- PC Member, ACM Symposium on Practical Aspects of Declarative Languages (PADL 2009)
- PC Member, National Conference on Artificial Intelligence (AAAI 2007)
- PC Member, International Conference on Data Engineering (ICDE 2007)
- PC Member, Very Large Data Bases (VLDB 2005)