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AYŞE YASEMİN SEYDİM, PH.D.

EDUCATION

- 1998-2003, Ph.D., School of Engineering, Computer Science, Southern Methodist University, Texas, USA.
Thesis: "Location Dependent Query Processing in Mobile Environments".
- 1986–1989, M.Sc., Computer Engineering, Middle East Technical University, Ankara.
- 1982-1986, B.Sc., Computer Engineering, Middle East Technical University, Ankara.
- 1975-1982, High School - Middle School, Ankara Atatürk Anadolu High School, Ankara.

WORK EXPERIENCE

- 2024 - , Part-time Instructor, Department of Computer Engineering, TED University, Ankara
- 2021 - , Part-time Instructor, Department of Computer Engineering, Middle East Technical University, Ankara.
- 2003-2020, Computer Engineer, Central Bank of the Republic of Turkey, Ankara.
- 2003-2011, Part-time Instructor, Department of Computer Engineering, Middle East Technical University, Ankara.
- 2000-2003, Research Assistant (NSF), Southern Methodist University, TX, USA.
- 1998-2000, Doctoral Scholar (TCMB), Southern Methodist University, TX, USA.
- 1989-1998, Computer Engineer, Central Bank of the Republic of Turkey, Ankara.
- 1986-1989, Research Assistant, Department of Computer Engineering, Middle East Technical University, Ankara.
- 1985-1986, Part-time Programmer, TÜBİTAK, Ankara.

CORE COMPETENCIES

- Research, Analysis, Design, Software Development, Project Management, Quality Management, Process Improvement, IT Risk Management, CMMI, ITIL, COBIT, ISO 27000, ISO 9000, RiskIT, ISO 31000, Enterprise Architecture-TOGAF.
- Management skills, planning, administrative and technical guidance, mentoring, training.

PROFESSIONAL INTERESTS

- Project Management, Quality Management, Process Improvement, IT Human Resources practices.
- Education, professional requirements and improvements (participation in Turkey Informatics Association (TBD) working groups, board membership in the Ankara Branch of Turkey Informatics Association, membership in the Education Commission of the Chamber of Computer Engineers.

WORK
EXPERIENCE -
MAIN
HEADINGS

- 2024: Part-time Instructor, Department of Computer Engineering, TED University.
CMPE 252 C Programming
- 2021- : Part-time Instructor, Department of Computer Engineering, METU.
CENG 301 Introduction to Algorithms and Data Structures
CENG 302 Introduction to Database Management Systems
- 2003-2020: Central Bank of the Republic of Turkey, Information Technologies General Directorate
Establishment of IT Governance Model within Quality Management activities, design and implementation of processes, development of Information Security Management System, conducting quality management and IT risk management, conducting process improvement and quality assessment studies, coordination of internal and external audit activities and follow-up of findings, gap analysis and improvement planning with CMMI in software development field, and ITIL practices in service management field, Project Management.
- 2003-2011: Part-time Instructor, Department of Computer Engineering, METU.
CENG 302 Introduction to Database Management Systems (2008-2011)
CENG 230 Introduction to C Programming (2003-2005)
- 1998-2003: Southern Methodist University, Computer Science and Engineering Dept., Dallas, TX, USA.
1998-2000: doctoral scholar at TCMB for 2 years,
2000-2003: research assistant in the NSF project.
- 1989–1998: Central Bank of the Republic of Turkey, Information Technologies General Directorate
Installation planning and trainings within Branch Automation, establishment of branch infrastructure, development of applications such as Branch EFT Interface, Accounting turnover transfer, etc.
- 1986-1989: Middle East Technical University, Department of Computer Engineering, Research Assistant.

PROFESSIONAL
TRAININGS
(CERTIFICATES)

- Fundamentals of Project Management (PMI-PMBOK)
- Basic Concepts of CMMI and IT Process Management
- ITIL Foundation (HP), ITIL V3 Fundamentals, ITIL Practitioner
- ISO9000:2000 Quality Management System Training (2007)
ISO 9001:2000 Internal Quality Auditor Training (2007)
- ISO 27001:2005 Information Security Management System
- TOGAF 9 Certification (2012)
- COBIT and IT Risk Management
- Personal Data Protection Law

PUBLICATIONS

- ScholarID: 3IW-hKMAAAAJ (<https://scholar.google.com.tr/citations?user=3IW-hKMAAAAJ>)
- OrcID: 0000-0003-1672-062X
- ScopusID: 6602228888
- DBLP: <https://dblp.org/pid/45/2927.html>
- Web of Science Link: <https://www.webofscience.com/wos/woscc/summary/a3002364-d547-4471-b6f0-98ab015d25ba-d7372ae6/relevance/1>
- **Journal Articles:**
 - Ayse Yasemin Seydim, Margaret H. Dunham, Yu Meng: **Location Leveling**. *Int. J. Mob. Comput. Multim. Commun.* 4(4): 36-61 (2012)
 - Vijay Kumar, Nitin Prabhu, Margaret H. Dunham, Ayse Yasemin Seydim: **TCOT-A Timeout-Based Mobile Transaction Commitment Protocol**. *IEEE Trans. Computers* 51(10): 1212-1218 (2002)
- **Conference and Workshop Papers:**
 - Ayse Yasemin Seydim, Margaret H. Dunham: **A Location Dependent Benchmark with Mobility Behavior**. *IDEAS 2002*: 74-85(2002)
 - Ayse Yasemin Seydim, Margaret H. Dunham, Vijay Kumar: **An Architecture for Location Dependent Query Processing**. *DEXA Workshop 2001*: 549-555, 2001.
 - Ayse Yasemin Seydim, Margaret H. Dunham, Vijay Kumar: **Location dependent query processing**. *MobiDE 2001*: 47-53, 2001
 - Margaret H. Dunham, Ahmad S. Al-Mogren, Ayse Yasemin Seydim, Vijay Kumar: **Data in Your Space**. *WECWIS 2001*: 66-73, 2001
- **Reference Works & Others:**
 - Margaret H. Dunham, Ayse Yasemin Seydim: **Location-Dependent Query Processing in Mobile Computing**. *Mobile Computing Handbook 2004*.

COURSES TAUGHT

- Spring 2024, Department of Computer Engineering, TED University. CMPE 252 C Programming
- Spring 2021 – Spring 2024: Department of Computer Engineering, METU. CENG 301 Introduction to Algorithms and Data Structures
CENG 302 Introduction to Database Management Systems
- 2003-2011: Department of Computer Engineering, METU. CENG 302 Introduction to Database Management Systems (2007-2011)
CENG 230 Introduction to C Programming (2003-2005)

LANGUAGE SKILLS

- **English:** Advanced
- **French:** Beginner
- **Turkish:** Native