

Suzan L. Köknar-Tezel

CONTACT INFORMATION	Department of Computer Science Saint Joseph's University 245 Barbelin/Lonergan 5600 City Avenue Philadelphia, PA 19131 USA	Voice: (610) 660-3009 Fax: (610) 660-3082 E-mail: tezel@sju.edu WWW: http://www.sju.edu/~tezel
CITIZENSHIP	USA	
RESEARCH INTERESTS	Time series, imbalanced data sets, shape retrieval	
EDUCATION	Temple University , Philadelphia, Pennsylvania USA Ph.D., Computer and Information Sciences (expected graduation date: Summer 2010) <ul style="list-style-type: none">• Advisor: Dr. Longin Jan Latecki, Associate Professor• Area of Study: Time Series classification, imbalanced data sets, shapes as sequences, shape retrieval Saint Joseph's University , Philadelphia, Pennsylvania USA M.S., Computer Science, May 1993 B.S., Computer Science, May 1985 <ul style="list-style-type: none">• <i>Cum Laude</i>• Minor in Mathematics Boğaziçi Üniversitesi , Istanbul, Turkey Computer Programming, June 1981	
ACADEMIC EXPERIENCE	Saint Joseph's University , Philadelphia, Pennsylvania USA <i>Visiting Instructor</i> Teach the graduate Computer Science courses <ul style="list-style-type: none">• Design and Analysis of Algorithms• Internet Applications and Development• Modern Computer Architecture• Object Oriented Design and Data Structures• Theory of Computation Teach the undergraduate Computer Science courses <ul style="list-style-type: none">• Computer Organization and Architecture• Data Structures• Discrete Structures• Introduction to Computer Programming in Java• Intermediate Computer Science• Systems Programming Taught the undergraduate Mathematics courses <ul style="list-style-type: none">• Brief Business Calculus• Excursions in Mathematics II• Finite Mathematics with Applications in Business	August 2001 to present

Atlantic Cape Community College, Mays Landing, New Jersey USA

Assistant Professor of CIS

January 1998 to August 2001

Taught the Computer Information Systems courses

- Introduction to Computers
- PC Operating Systems
- Information Systems and Programming
- Advanced Object-Oriented Programming Using C++
- Computer Programming - Visual Basic

Developed and taught the online course Introduction to Computer Programming Using C++

Saint Joseph's University, Philadelphia, Pennsylvania USA

Adjunct

August 2000 to May 2001

August 1995 to December 1997

Taught the graduate Computer Science course

- Theory of Computation

Taught the undergraduate Computer Science courses

- Introduction to Computer Programming in C++
- Data Structures
- Systems Programming and Networks

Philadelphia University, Philadelphia, Pennsylvania USA

Adjunct

September 1994 to December 1994

Taught the undergraduate Computer Science course

- Introduction to Computer Programming

Taught the undergraduate Mathematics course

- Discrete Mathematics

Saint Joseph's University, Philadelphia, Pennsylvania USA

Teaching Assistant

January 1992 to May 1993

Taught the course Computer Programming, a one-credit course for Science majors

Middle Township School District, Cape May Court House, New Jersey USA

Substitute Teacher

October 1988 to June 1989

Worked as a substitute teacher in all subjects for grades K - 12

JOURNAL
ARTICLES

Tezel, A., S. Köknar-Tezel, and G. McManus. *A Goal Seek Macro for Sensitivity Analysis*. Advances in Financial Education, Volume 4, Fall 2006.

Tezel, A., and S. Köknar-Tezel. *On Using Volatility Bands*. Technical Analysis of Stocks & Commodities, October 1997.

REFEREED
CONFERENCE
PAPERS

Köknar-Tezel, S. and L.J. Latecki. *Improving SVM Classification on Imbalanced Data Sets in Distance Spaces*. IEEE Int. Conf. on Data Mining (ICDM 2009), December 2009, Miami, Florida, USA. (*Acceptance Rate (regular papers) = 9%*).

Yang, X., S. Köknar-Tezel, and L.J. Latecki. *Locally Constrained Diffusion Process on Locally Densified Distance Spaces with Applications to Shape Retrieval*. Proceedings of the IEEE Conf. on Computer Vision and Pattern Recognition (CVPR 2009), June 2009, Miami, Florida, USA. (Acceptance Rate = 26.2%).

Latecki, L.J., Q. Wang, S. Köknar-Tezel, and V. Megalooikonomou. *Optimal Subsequence Bijection*. Proceedings of the 7th IEEE Int. Conf. on Data Mining (ICDM 2007), October 2007, Omaha, Nebraska, USA. (Acceptance Rate = 19%).

Latecki, L.J., S. Köknar-Tezel, Q. Wang, and V. Megalooikonomou. *Sequence Matching Capable of Excluding Outliers*. Workshop on Time Series Classification at ACM SIGKDD Int. Conf. on Knowledge Discovery and Data Mining (KDD), August 2007, San Jose, CA, USA.

Tezel, A., and S. Köknar-Tezel. *Z-System: A Technical System Beats the Buy-and-Hold Strategy*. Eastern Finance Association Meeting, April 1997, Panama City, FL, USA.

OTHER
CONFERENCE
PAPERS

Tezel, A., S. Köknar-Tezel, and G. McManus. *A Goal Seek Macro for Sensitivity Analysis*. 2004 Global Trends Conference of the Academy of Business Administration, December 2004, Jamaica.

Tezel, A., and S. Köknar-Tezel. *A Spreadsheet Macro and a Two-Stage Residual Income Growth Model*. Financial Management Association, Annual Meeting, October 2003, Denver CO, USA.

PROFESSIONAL
EXPERIENCE

Saint Joseph's University, Philadelphia, Pennsylvania USA

Systems Manager

July 1994 to May 1996

- Had full responsibility for running, maintaining, and upgrading the Administrative Computing Department's Data General Aviiion 5225 running DG/UX UNIX 5.4R3.1.
- Maintained the data base management system uniVerse 7.3.3 and the data base files.
- Maintained security on the system with almost 400 users
- Designed and implemented a data base information entry system. for the Office of Development that comprised 20 screens of data entry
- Worked with the system users, answering their questions, troubleshooting their problems, and training them on the use of the system.

Programmer

December 1993 to July 1994

- Worked in the Administrative Computing Department
- Designed, created, modified, and debugged programs written in DataBasic for the offices of Development, the Registrar, the Treasurer, and others.

Boğaziçi Üniversitesi, Istanbul, Turkey

Systems Analyst

July 1986 to September 1988

- Maintained the CDC Cyber 170/815 using NOS 1.0.
- Helped install and maintain the university's connection to the EARN Network
- Designed, implemented, and maintained all the software for the Registrar's Office

ASSOCIATIONS

Association for Computing Machinery (ACM). Member since 1999.

Institute of Electrical and Electronics Engineers (IEEE). Member since 2009.