

Professional Experience

Omega Training and Consultancy (<http://www.omegaegitim.com>)

2008-*to date*

Trainer

Trainings Offered:

- Sun Java EE Trainings
 - **FJ-310** Developing Applications for the Java EE Platform
 - **SL-314** Web Component Development With Servlet and JSP
 - **SL-351** Business Component Development with EJB Technology
 - **DWS-3111** Creating Web Services Using Java Technology
 - **DTJ-3108** Developing JavaServer Faces Components with AJAX
 - **SL-425** Developing Architectures for Enterprise Java Applications
 - **SL-500** Java EE Patterns
- Sun Java SE Trainings
 - **SL-275** Java Programming Language
 - **SL-285** Developing Applications With the Java SE Platform
 - **DTJ-380** Java SE Performance Tuning
 - **SL-385** Managing XML with the Java Platform
 - **DTJ-4103** Developing Real-Time Apps for the Java Platform
 - **DTW-3400** Core Swing: Developing Java GUIs Using Swing
 - **OO-226** Object-Oriented Analysis and Design using UML
- Sun Java System Directory Server Trainings
 - **DIR-2217** Sun Java System Directory Server EE 6.x: Analysis and Planning
 - **DIR-2340** Sun Java System Directory Server EE 6: Maintenance and Operations
- Sun Java System Application Server Trainings
 - **IAS-4444** Sun Java System Application Server SE/EE 8.1 2005Q2: Administration and Deployment
 - **IAS-2489** Sun Java System Application Server Platform Edition 9: Development and Deployment
- Sun Java Identity Management Trainings
 - **IDM-2455** Sun Java System Identity Manager 6.0 SP1: Administration and Maintenance
 - **IDM-345** Sun Java System Identity Manager: Deployment Fundamentals
 - **IDM-4485** Sun Java System Identity Manager: Deployment Fundamentals II
- Sun Java System Composite Application Platform Trainings
 - **SB-CAP-501** Foundations of Sun Java Composite Application Platform Suite I
 - **SB-CAP-502** Foundations of Sun Java Composite Application Platform Suite II
- Shell Programming (**SA-245**)
- Perl Programming (**DTP-250**)
- Sun Solaris Trainings

- Oracle Java Trainings
- RedHat Trainings
 - **RH-033** Red Hat Linux Essentials
 - **RH-133** Red Hat Linux System Administration
 - **RH-253** RH Linux Networking and Security Admin
- MySQL Trainings (**Administration, Developer**)
- C/C++/Qt/Unix Programming
- Fortran 2003
- High Performance Computing
- Object Oriented Software Engineering

Istanbul Technical University, Computer Engineering Department
2008-*to date*

Visiting Lecturer

Courses Offered:

- Internet Programming
- Object Oriented Analysis and Design
- Web Application Services

Ahmet Yesevi University, IT Management, Distance Education
2004-*to date*

Lecturer

Courses Offered:

- Web Services

Istanbul Technical University, Computer Engineering Department
2004-2008

Lecturer

Courses Offered:

- Artificial Intelligence
- Software Engineering
- Object Oriented Programming
- Introduction to Scientific and Engineering Computing

Istanbul Technical University, Computer Engineering Department
1995-2003

Research and Teaching Assistant

Courses Offered:

- Object Oriented Programming
- Introduction to Scientific and Engineering Computing

Education

Istanbul Technical University, Computer Engineering Department
Ph.D.
2007

Istanbul Technical University, Control and Computer Engineering Department
M.Sc.
1997

Istanbul Technical University, Control and Computer Engineering Department
B.Sc.
1995

Journal Papers

1. A.Çapar, B.Kurt, M.Gökmen, "Gradient Based Shape Descriptors," accepted to Machine Vision and Applications, 2008.
2. B.Kurt, M.Gökmen, "İki Boyutlu Genelleştirilmiş Ayrıt Saptayıcı," İTÜ Arı Dergisi, 2008.
3. F.Kahraman, B.Evrin Demiröz, B.Kurt, M.Gökmen, "Bakış Açısından Bağımsız Gürbüz Plaka Tanıma Sistemi," Endüstri ve Otomasyon, sayı 106, sayfa 28-32, Ocak 2006.
4. B.Kurt, M.Gökmen, "Image Compression Based On Centipede Model," ARI, Technical Bulletin of ITU, Vol.54, No.3, pp. 35-43, January, 2005.

International Books

1. B.Kurt, H.T.Demiral, "Adaptive $\lambda\tau$ -Space Representation of Images and Edges," Recent Advances in Signal Processing and Communications, pp. 53-59, Part I: Signal Processing, World Scientific and Engineering Society Press, 1999.
2. B.Kurt, Z.Çataltepe, "Enterprise Server Platform," Handbook of Enterprise Integration, Chapter 10, CRC Publishing Company, published in 2009.

National Books

1. B.Kurt (Editor), "AutoCAD Rel.13" (Translation), Sistem Publishing, Istanbul, 1998.
2. B.Kurt (Editor), "C/C++" (Translation), Sistem Publishing, Istanbul, 1998.
3. B.Kurt, "Internet Web Services," Ahmet Yesevi Üniversitesi, 2006.

International Conferences

1. B.Kurt, M.Gökmen, "Goal Oriented Edge Detection," International Conference on Computer and Information Sciences (ISCIS'2008), İstanbul, Turkey, 2008.
2. F.Kahraman, B.Kurt, M.Gökmen, "Robust Face Alignment for Illumination and Pose Invariant Face Recognition," IEEE Conf. on Computer Vision and Pattern Recognition (CVPR 2007), IEEE Computer Society Workshop on Biometrics, Minneapolis, Minnesota, USA, 2007.

3. B.Kurt, A. Şima Etaner-Uyar, Tuğba Akbal, Nildem Demir, Alp Emre Kanlikilicer, Merve Can Kuş, and Fatma Hülya Ulu, "Active Appearance Model-based Facial Composite Generation with Interactive Nature-Inspired Heuristics," Lecture Notes in Computer Science, International Workshop on Multimedia Content Representation, Classification and Security, pp. 183-190, 2006.
4. A.Çapar, B.Kurt, M.Gökmen, "Affine-Invariant Gradient Based Shape Descriptor," Lecture Notes in Computer Science, International Workshop on Multimedia Content Representation, Classification and Security, pp. 514-521, 2006.
5. F.Kahraman, B.Kurt, M.Gökmen, "License Plate Character Segmentation Based on the Gabor Transform and Vector Quantization," Lecture Notes in Computer Science, 18th Int. Conf. on Computer and Information Sciences-ISCIS'2003, pp.381-388, November 3-5, 2003.
6. B.Kurt, M.Gökmen, "Color and Shaped Based Indexing Using Scale-Space Representations," Proceedings of the International Symposium on Artificial Intelligence and Neural Networks, pp.30, 2-4 July 2003.
7. B.Kurt, "Direction Selective Smoothing of Color Images in $\lambda\tau$ -Space," Proceedings of 15th International Conference on Computer and Information Sciences, ISCIS'2000, pp. 202-210, Istanbul, Turkey, 11-13 October 2000.
8. B.Kurt, "Automatic Indexing of Broadcast News," Proceedings of 15th International Conference on Computer and Information Sciences, ISCIS'2000, pp. 552-560, Istanbul, Turkey, 11-13 October 2000.
9. B.Kurt, H.T.Demiral, "Adaptive $\lambda\tau$ -Space Representation of Images and Edges," Proceedings of 3rd International Conference on Communications, IMACS/IEEE CSCC'99, pp. 3011-3017, Athens, Greece, 4-8 July 1999.
10. B.Kurt, M.Gökmen, "Two Dimensional Generalized Edge Detector," IEEE Proceedings of International Conference on Image Analysis and Processing, ICIAP'99, pp. 148-153, Venice, Italy, September 1999.
11. B.Kurt, M.Gökmen, A.K.Jain, "Image Compression Based On Centipede Model," Lecture Notes in Computer Science, International Conference on Image Analysis and Processing, ICIAP'97, Vol. I, pp. 303-310, Florence, Italy, September 1997.

National Conferences

1. B. Kurt, M.Gökmen, "Amaca Yönelik Ayırıt Saptayıcı," 16th Conference on Signal Processing and Its Applications, SIU'2008.
2. F.Kahraman, B.E.Demiröz, B. Kurt, M.Gökmen, "İlgün Değişimsiz Şekil Betimleyiciler," 15th Conference on Signal Processing and Its Applications, SIU'2007.
3. F.Kahraman, B.Kurt, M.Gökmen, "Three-Band Modeling Using Prominent Edges for Face Alignment," 14th IEEE Conference on Signal Processing and Its Applications, IEEE SIU'2006, 2006.
4. F.Kahraman, B. Kurt, M.Gökmen, "AAM Based Face Recognition," 13th Conference on Signal Processing and Its Applications, SIU'2005.
5. F.Kahraman, B.E.Demiröz, B. Kurt, M.Gökmen, "View Independent Robust License Plate Recognition System," 13th Conference on Signal Processing and Its Applications, SIU'2005.
6. B. Kurt, M.Gökmen, "Ölçek Uzayı Gösterimine Dayalı Renk ve Şekil Tabanlı İndeksler," Proceedings of 11th Conference on Signal Processing and Its Applications, SIU'2003, pp.805-808, Istanbul, 2003.
7. B. Kurt, M.Gökmen, "İmge ve Videoların İndeksleme Amaçlı Ölçek-uzayı Analizi," Proceedings of 10th Conference on Signal Processing and Its Applications, SIU'2002, pp.335-340, Pamukkale, 2002.

8. B.Kurt, M.Gökmen, "Video Dizilerinden Reklam Saptama ve İndeksleme," Proceedings of 9th Conference on Signal Processing and Its Applications, SIU'2001, pp.735-740, Gazi Magusa, KKTC, 25-27 Nisan 2001.
9. B.Kurt, M.Gökmen, "Yinelemeli ve Uyarlanıır Ayrııt Saptayıcı Süzgeçleri," Proceedings of 9th Conference on Signal Processing and Its Applications, SIU'2001, pp.410-415, Gazi Magusa, KKTC, 25-27 Nisan 2001.
10. B.Kurt, H.T.Demiral, "Sahne Geçişlerinin Geometri Tabanlı Olarak Saptanması," Proceedings of 8th IEEE Conference on Signal Processing and Its Applications, IEEE SIU'2000, 2000.
11. B.Kurt, MM, "İletim Katsayısının Koloni Sistemine Dayalı Olarak Öğrenilmesi," Proceedings of 8th IEEE Conference on Signal Processing and Its Applications, IEEE SIU'2000, 2000.
12. B.Kurt, M.Gökmen, "İki Boyutlu Genelleştirilmiş Ayrııt Saptayıcı," Proceedings of 7th IEEE Conference on Signal Processing and Its Applications, IEEE SIU'99, pp. 481-486, Ankara Turkey, 1999.
13. B.Kurt, MM, "Yönsel Anisotropik Difüzyon ile Görüntü İyileştirme," Proceedings of 6th Conference on Signal Processing and Its Applications, SIU'98, Vol. I, pp. 137-142, 1998.
14. B.Kurt, H.T.Demiral, "Çevrite Dayalı Etkin Bir Görüntü Gösterimi," Proceedings of 6th Conference on Signal Processing and Its Applications, SIU'98, Vol. I, pp. 259-264, 1998.
15. B.Kurt, M.Gökmen, "Kırkayak Modeline Dayalı Görüntü Sıkıştırma," Proceedings of 5th Conference on Signal Processing and Its Applications, SIU'97, Vol. I, pp. 303-308, Kuşadası, May 1997.

Technical Reports

1. TÜBİTAK EEEAG-154

Solving Computer Vision Problems including Edge Detection, Surface Reconstruction, Image and Video Compression, Shape from Shading and Fingerprint Image Compression under Regularization Framework, 1995-1997.

2. TÜBİTAK EEE-104E121

Multipurpose Robust Face Recognition System, Development Reports, 2005-2007.

Completed Projects

1. TÜBİTAK EEEAG-154 Solving Computer Vision Problems including Edge Detection, Surface Reconstruction, Image and Video Compression, Shape from Shading and Fingerprint Image Compression under Regularization Framework, 1995-1997.
2. MediaNOM: Digital Media Archive Management System, 2001-2003
3. TÜBİTAK EEEAG-104E121 Multipurpose Robust Face Recognition System, 2005-2007.
4. Turkcell, Mobile Learning, 2008.

Honors

- | | |
|-------------|--|
| 1990 | Scholarship from ITU Foundation |
| 1995 | Prof.Bedri Karafakioğlu Award |
| 2003 | NATO Exercise Allied Action, Combined Joint Task Force 2003,
in recognition of Contribution |
| 2004 | Wargaming Simulation Center, Turkish War College
in recognition of Contribution |

Professional Membership

- 1995-** **INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS**
Computer Society
Signal Processing Society
- 1997-** **ASSOCIATION FOR COMPUTING MACHINERY**

Professional Certifications

- 2006** **RED HAT CERTIFIED ENGINEER**
- 2007** **SUN CERTIFIED JAVA SE 6 PROGRAMMER**
- 2009** **SUN CERTIFIED MYSQL 5.0 DEVELOPER**
- 2009** **SUN CERTIFIED MYSQL 5.0 ADMINISTRATOR**