Assist. Prof. Dr. CEYDA NUR ÖZTÜRK

Personal Information

Contact Information

Contact Address	Uludağ Üniversitesi Mühendislik Fakültesi Bilgisayar Mühendisliği Bölümü
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Research Fields Medical Image Analysis, Robotic Vision

Education Information

01 September 2012 - 01 November 2016 (4 Years 3 Months)
PhD, PhD, YILDIZ TECHNICAL UNIVERSITY, TURKEY
GRADUATE SCHOOL OF NATURAL AND APPLIED SCIENCES,
COMPUTER ENGINEERING (Doctor of Philosophy)
Thesis Title: 3-d Automatic Segmentation And Modelling Of Cartilage Compartments in High-field Magnetic Resonance Images Of The Knee Joint
Date: 2016
Thesis Advisor: SONGÜL VARLI
Diploma Number: 2016/D/0128

01 September 2010 - 08 August 2012 (2 Years)
MSc, Thesis Program, FATİH UNIVERSITY, TURKEY
GRADUATE INSTITUTE OF SCIENCES AND ENGINEERING, COMPUTER ENGINEERING (Master of Science)
Thesis Title: Vision-based Autonomous Navigator
Date: 2012
Thesis Advisor: ERKAN İMAL
Thesis Co-Advisor: VELİ HAKKOYMAZ
Diploma Number: 365

01 September 2005 - 25 June 2010 (4 Years 10 Months)
Bachelor of Science, FATİH UNIVERSITY, TURKEY
ENGINEERING FACULTY, COMPUTER ENGINEERING DEPARTMENT
Diploma Number: 821

Experience Information

01 October 2017 - Now (1 Year 10 Months) (Full Time)
ASSISTANT PROFESSOR DOCTOR, ASSIST. PROF. DR.,
ULUDAĞ UNIVERSITY ENGINEERING FACULTY
COMPUTER ENGINEERING DEPARTMENT

Foreign Language Information İNGİLİZCE (Reading: Good, Writing: Good, Speaking: Good)

R&D Competency

Articles

C. N. ÖZTÜRK & S. VARLI, Automatic Segmentation Of Cartilage In High-field Magnetic Resonance Images Of The Knee Joint With An Improved Voxel-classification-driven Region-growing Algorithm Using Vicinity-correlated Subsampling, COMPUTERS IN BIOLOGY AND MEDICINE, 2016, 0010-4825, 72, 2016, 90-107.

N. ALTUNTAŞ, E. İMAL, N. EMANET & C. N. ÖZTÜRK, Reinforcement Learning Based Mobile Robot, TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, 2014, 1300-0632, 24, 3, 1747-1767.

Conference Papers	C. N. ÖZTÜRK & S. VARLI, Segmentation Of Femoral Cartilage With A Hybrid Method Combining Voxel Classification And Active Appearance Models, Sözlü Sunum, Proceedings Of The 2018 3rd International Conference On Biomedical Imaging, Signal Processing - Icbsp 2018, 11 October 2018, 13 October 2018.
	C. N. ÖZTÜRK & S. VARLI, Harris Köşe Bulma Algoritmasının Hacimsel Görüntüler Için Uygulanması, Sözlü Sunum, Akıllı Sistemlerde Yenilikler Ve Uygulamaları Konferansı (asyu-2017), 05 October 2017, 07 October 2017.
	C. N. ÖZTÜRK & S. VARLI, Efficient Cartilage Segmentation In High-field Knee Mr Images With Voxel-classification-driven Region-growing Algorithm, Sözlü Sunum, 2015 19th National Biomedical Engineering Meeting (BIYOMUT), 05 November 2015, 06 November 2015.
	C. N. ÖZTÜRK & S. VARLI, Edge Detection On Mr Images With Marr-hildreth Method Extended To Third Dimension, Sözlü Sunum, 2015 23nd Signal Processing And Communications Applications Conference (SIU), 16 May 2015, 19 May 2015.
	G. BİLGİN & C. N. ÖZTÜRK, A Comparative Study On Manifold Learning Of Hyperspectral Data For Land Cover Classification, Sözlü Sunum, 2014 International Conference On Graphic And Image Processing, 24 October 2014, 26 October 2014.
	N. ALTUNTAŞ, C. N. ÖZTÜRK, E. İMAL & N. EMANET, Reinforcement Learning Based Mobile Robot, Sözlü Sunum, 2013 International Symposium On Computing And Science In Engineering, 24 October 2013, 25 October 2013.
	Z. ORHAN, C. N. ÖZTÜRK & N. ALTUNTAŞ, Sınavyazar: İlköğretim Için Otomatik Sınav Ve Çözüm Üretme Aracı, Sözlü Sunum, 2008 Elektrik - Elektronik Ve Bilgisayar Mühendisliği Sempozyumu, 26 November 2008, 30 November 2008.
Projects	
	BAP, SCHOLAR, Mobile Robot Navigation With Monocular Slam, Enforcing Institution: FATİH UNIVERSITY, Sponsor Institution: OTHER (National) , 01 April 2012, 01 April 2013.

Education and Training Activities

Lectured Undergraduate Courses	2018-2019 SPRING, Data Management and File Structures, T:4 P:0 L:0 ECTS:6
	2019 FALL, Computer Networks, T:3 P:0 L:0 ECTS:6
	2019 SPRING, Presentation Techniques, T:0 P:2 L:0 ECTS:4
Lectured Graduate Courses	2018-2019 SPRING, Research Techniques in Computer Engineering and Publishing Ethics, T:2 P:0 L:0 ECTS:2
	2018-2019 SPRING, Artificial Intelligence Theory, T:3 P:0 L:0 ECTS:6
	2019 FALL, Computer Vision, T:3 P:0 L:0 ECTS:6

TÜBİTAK Scholarships and Fundings

Project Info	116E151, Segmentation and Quantitative Assessment of Cartilage and Meniscus on Knee Joint MR Images, 1001 - Research, Scholar, Completed, ARDEB, EEEAG - Elektrik, Elektronik, Enformatik Araştırma Destek Grubu, Project Participation/Leave Dates: 3/2/17 - 10/19/17, Project Start/End Dates: 3/1/17 - 3/1/19. 116E151, Segmentation and Quantitative Assessment of Cartilage and Meniscus on Knee Joint MR Images, 1001 - Research, Researcher/Expert, Completed, ARDEB, EEEAG - Elektrik, Elektronik, Enformatik Araştırma Destek Grubu, Project Participation/Leave Dates: 2/1/18 - 3/1/19, Project Start/End Dates: 3/1/17 - 3/1/19.
BIDEB Supports	CEYDA NUR ÖZTÜRK, Etkinlik Destekleri ve Eğitim Bursları Müdürlüğü, 2211-A General National Doctorate Scholarship Program, Scholarship Over (Graduate), 2012 - 4, 01.10.2012 - 31.08.2017.