

CURRICULUM VITAE

1. Name and Surname : Volkan TUNALI

2. Date of Birth : 1978

3. Title : Assist. Prof. Dr.

4. Educational Status : PhD

Degree	Field	University	Year
Undergraduate	Computer Engineering (English)	Marmara University	2001
Graduate	Computer Engineering (English)	Marmara University	2005
Doctoral	Computer-Control Education	Marmara University	2012

Foreign Language: English

2015 September YDS : 98.75

2012 March ÜDS : 93.75

2008 October ÜDS : 90.00

5. Academic Titles and Date of Appointments

Title	Field	University	Date
Assist. Prof. Dr.	Software Engineering (English)	Maltepe University	28.02.2015
Assist. Prof. Dr.	Software Engineering	Manisa Celal Bayar University	23.06.2015
Assist. Prof. Dr.	Software Engineering (English)	Maltepe University	07.09.2017

6. Graduate Theses Supervised (Master and PhD)

6.1. Master Theses

1. Seda Özbek BOLATA, “Modeling and Analysis of Relationship Networks Between Countries”, Maltepe University, Graduate School of Science and Engineering, **2018**.
2. Oğuz Yusuf BOLATA, “Modeling and Analysis of International Migration Networks”, Maltepe University, Graduate School of Science and Engineering, **2018**.
3. Murat Can TEKİN, “Classification and Prioritization of Software Development Demands with Text Mining”, Maltepe University, Graduate School of Science and Engineering, **2018**.
4. Ender Ahmet YURT, “Sentiment Analysis in Turkish Texts”, Maltepe University, Graduate School of Science and Engineering, **2015**.

6.2. PhD Theses

7. Publications

7.1. Papers published in the refereed international journals (SCI & SSCI & Arts and Humanities)

1. Özge ELİÇİN, **Volkan TUNALI**, “Effectiveness of Tablet Computer Use in Achievement of Schedule-Following Skills by Children with Autism Using Graduated Guidance”, *Education and Science*, 41(183), **2016**, 29–46, SSCI, ISSN: 1300-1337. (DOI: 10.15390/EB.2016.5358)
2. **Volkan TUNALI**, T. Tugay BİLGİN, A. Yılmaz ÇAMURCU, “An Improved Clustering Algorithm for Text Mining: Multi-cluster Spherical K-means”, *The International Arab Journal of Information Technology (IAJIT)*, 13(1), **2016**, 12–19, SCI-E, ISSN: 1683-3198.

7.2. Papers published in other refereed international journals

7.3. Papers presented at international conferences and published in the proceedings

1. **Volkan TUNALI**, T. Tugay BİLGİN, “Text Mining and Social Network Analysis on Computer Science and Engineering Theses in Turkey”, *15th International Conference on Computer Systems and Technologies (CompSysTech)*, Ruse, Bulgaria, June 27, **2014**, 187–193. (DOI: 10.1145/2659532.2659639) (Paper Acceptance Rate: 52%)
2. **Volkan TUNALI**, T. Tugay BİLGİN, “Profile Analysis of Graduate Theses Conducted on Computer Science and Engineering in Turkey”, *3rd International Symposium on Computing in Science and Engineering (ISCSE)*, Kusadasi, Aydin, October 24–25, **2013**, 182–186.
3. **Volkan TUNALI**, T. Tugay BİLGİN, “Examining the Impact of Stemming on Clustering Turkish Texts”, *International Symposium on Innovations in Intelligent Systems and Applications (INISTA)*, Trabzon, Turkey, July 2–4, **2012**, 1–4. (DOI: 10.1109/INISTA.2012.6246966)
4. **Volkan TUNALI**, T. Tugay BİLGİN, “PRETO: A High-performance Text Mining Tool for Preprocessing Turkish Texts”, *13th International Conference on Computer Systems and Technologies (CompSysTech)*, Ruse, Bulgaria, June 22–23, **2012**, 134–140. (DOI: 10.1145/2383276.2383297) (Paper Acceptance Rate: 54%)
5. **Volkan TUNALI**, A. Yılmaz ÇAMURCU, T. Tugay BİLGİN, “An empirical comparison of fast and efficient tools for mining textual data”, *1st International Symposium on Computing in Science and Engineering (ISCSE)*, Kusadasi, Aydin, June 3–5, **2010**, 141–147.

7.4. Books or book chapters

1. **Volkan TUNALI**, “Sosyal Ağ Analizine Giriş”, Ekim, **2016**, Nobel Akademik Yayıncılık, ISBN: 978-605-320-516-6
2. **Book Chapter Translation**: “Bölüm 11. Yapay Zeka”, *Bilgisayar Bilimine Giriş*, 12. Basımdan Çeviri, Çev. Ed: Birim Balcı Demirci, Mart, 2016, Nobel Akademik Yayıncılık, ISBN: 978-605-320-361-2 (Computer Science An Overview, 12th Ed., J. Glenn Brookshear, Dennis Brylow, 2015)

7.5. Papers published in the refereed national journals

1. Deniz KILINÇ, Emin BORANDAĞ, Fatih YÜCALAR, **Volkan TUNALI**, Macit ŞİMŞEK, Akın ÖZÇİFT, “KNN Algoritması ve R Dili ile Metin Madenciliği Kullanılarak Bilimsel Makale Tasnifi”, *Marmara Fen Bilimleri Dergisi*, 28(3), **2016**, 89–94. (DOI: 10.7240/mufbed.69674)

7.6. Papers presented at national conferences and published in the proceedings

1. **Volkan TUNALI**, Şenol Zafer ERDOĞAN, “Comparison of Popular Cross-Platform Mobile Application Development Tools”, 2. *Ulusal Yönetim Bilişim Sistemleri Kongresi (YBS2015)*, Erzurum, 8-9-10 Ekim, **2015**, 1357–1365.
2. **Volkan TUNALI**, “Software Size Estimation Using Function Point Analysis – A Case Study for a Mobile Application”, 7. *Mühendislik ve Teknoloji Sempozyumu (MTS7)*, Ankara, 15–16 Mayıs, **2014**, 73–76.
3. **Volkan TUNALI**, T. Tugay BİLGİN, “Türkçe Metinlerin Kümelenmesinde Farklı Kök Bulma Yöntemlerinin Etkisinin Araştırılması”, *Elektrik, Elektronik ve Bilgisayar Mühendisliği Sempozyumu (ELECO)*, Bursa, 29 Kasım – 1 Aralık, **2012**, 598–602.
4. Önder DEMİR, Cengiz ŞAFAK, **Volkan TUNALI**, Elif Pınar HACİBEYOĞLU, “Robotik Eğitimi İçin Görsel Bir Arayüz”, *Ulusal Teknik Eğitim, Mühendislik ve Eğitim Bilimleri Genç Araştırmacılar Sempozyumu (UMES)*, Kocaeli, 20–22 Haziran, **2007**, 412–415.

7.7. Other publications

1. **PhD Thesis**: Metin Madenciliği İçin İyileştirilmiş Bir Kümeleme Yapısının Tasarımı ve Uygulaması, Marmara University, Institute of Pure and Applied Sciences, Advisor: Prof. Dr. A. Yılmaz ÇAMURCU, **2012**.
2. **Master Thesis**: A Speaker Dependent, Large Vocabulary, Isolated Word Speech Recognition System for Turkish, Marmara University, Institute of Pure and Applied Sciences, Advisor: Prof. Dr. Murat DOĞRUEL, **2005**.

8. Projects

1. **Consultant**: Employment within Article 7 of Law No. 4691 on Technology Development Zones, *Hitit Enterprise Solutions R5 – Üçüncü Parti Yazılım ve Donanım Entegrasyonlarının Genişletilmesi Projesi*, Hitit Bilgi Teknolojileri Dan.ve Bilg. San. Tic. Ltd. Şti. (İstanbul), 01.03.2017-31.07.2017.
2. **Consultant**: Employment within Article 7 of Law No. 4691 on Technology Development Zones, *Hitit Enterprise Solutions R5 – Mobil Raporlama ve Analitik Sisteminin Geliştirilmesi Projesi*, Hitit Bilgi Teknolojileri Dan.ve Bilg. San. Tic. Ltd. Şti. (İstanbul), 01.06.2016-31.12.2016.
3. **Consultant**: TÜBİTAK 7110851 no’lu TEYDEB Projesi, *Sosyal Medya Analiz Teknolojisi ve Takip Uygulaması Geliştirilmesi: İlk Yerli Sosyal CRM Örneği Uygulaması*, Etiya Bilgi Teknolojileri Yazılım San. Tic. Ltd. Şti. (İstanbul), 2012.

9. Administrative duties

10. Memberships in scientific organizations

1. Association for Computing Machinery (ACM)

11. Awards

12. Undergraduate and graduate courses given in the last two years

Academic Year	Semester	Course Title	Weekly Hours		Number of Students
			Theoretical	Practical	
2016-2017 Manisa Celal Bayar Uni.	Fall	YZM3215 İleri Web Programlama	3	0	40
		YZM3219 Servis Odaklı Mimari	3	0	119
		YZM4217 Yazılım Mühendisliğinde Özel Konular – Sosyal Ağ Analizi	3	0	63
	Spring	YZM2118 Yazılım Mimarisi ve Tasarımı	3	0	138
		YZM3208 İleri Veri Tabanı Sistemleri	3	0	67
		YZM3102 İşletim Sistemleri	2	2	39
		YZM4217 Yazılım Mühendisliğinde Özel Konular – Sosyal Ağ Analizi	3	0	8
2017-2018 Maltepe Uni.	Fall	CEN133 Algorithms and Programming I	2	2	69
		SE307 Database Management Systems	2	2	27
		SE311 Software Construction	2	2	26
		BİL510 Veritabanı Tasarımı (*)	3	0	22
	Spring	CEN134 Algorithms and Programming II	2	2	63
		SE211 Software Design and Architecture	3	0	23
		SE458 Service Oriented Architecture	2	2	17
		BİL517 Veri Madenciliği (*)	3	0	22
* denotes graduate courses					

Update: Oct 12, 2018