

## CURRICULUM VITAE

1. **Name and Surname** : Fatih YÜCALAR
2. **Date of Birth** : 06 / 13 / 1980
3. **Title** : Assist. Prof. Dr.
4. **Educational Status** :

Degree	Field	University	Year
Undergraduate	Computer Engineering	Maltepe University	2002
Graduate	Computer Engineering	Maltepe University	2006
Doctoral	Computer Engineering	Trakya University	2011

### 5. Academic Titles and Date of Appointments

- 03/2013 – **Assist. Prof. Dr.** (Celal Bayar University – Software Engineering Department)  
02/2012 – 02/2013 **Assist. Prof. Dr.** (Maltepe University – Software Engineering Department)

### 6. Graduate Theses Supervised (Master and PhD)

#### 6.1 Master Theses

- Fatih Balıkcı, Thesis Topic: “Versioning of Web Services in Service Oriented Architecture: A Design Approach”, Maltepe University, Graduate School of Science and Engineering, Department of Computer Engineering, 2014.

#### 6.2 PhD Theses

### 7. Publications

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

#### 7.2 Papers published in other refereed international journals

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

- Yucalar, F., Borandağ, E., Erdogan, S. Z., “**Size Estimation Using Class Points Method for Object – Oriented Systems**”, The 3rd International Symposium on Computing in Science & Engineering (ISCSE 2013), Gediz University, Kusadasi, Aydin, October, 24 – 25, 2013.
- Yucalar, F., Borandağ, E., İnce, F., “**Effort Estimation Using Use-Case Points Method for Object – Oriented Software Projects**”, The 2<sup>nd</sup> International Symposium on Computing in Science & Engineering (ISCSE 2011), Gediz University, Kusadasi, Aydin, June, 1 – 4, 2011.
- Borandağ, E., Yucalar, F., Eren, Ş., “**Test Based Software Development and a Sample Application**”, The 2<sup>nd</sup> International Symposium on Computing in Science & Engineering (ISCSE 2011), Gediz University, Kusadasi, Aydin, June, 1 – 4, 2011.
- Yucalar, F., Erdogan, S. Z., “**Appraisal of Software Organizations Using CMMI Continuous Representation**”, The 1<sup>st</sup> International Symposium on Computing in Science & Engineering (ISCSE 2010), Gediz University, Kusadasi, Aydin, July, 3 – 5, 2010.
- Borandağ, E., Yucalar, F., Eren, Ş., “**An Incomplete Software Project’s Accomplishment by the Aid of Extreme Programming Methodology**”, The 1<sup>st</sup> International Symposium on Computing in Science & Engineering (ISCSE 2010), Gediz University, Kusadasi, Aydin, July, 3 – 5, 2010.
- Çamoğlu, K., Ersoy, D., Yucalar, F., Bayraklı, S., “**Tailoring of Agile Practices for the University Automation Project**”, The 1<sup>st</sup> International Symposium on Computing in Science & Engineering (ISCSE 2010), Gediz University, Kusadasi, Aydin, July, 3 – 5, 2010.

#### 7.4 Books or book chapters in international publications

#### 7.5 Papers published in the refereed national journals

- Çamoğlu, K., Ersoy, D., Yücalar, F., Bayraklı, S., **“Bir Çevik Yazılım Geliştirme Sürecinin Uyarlanması ve Uygulanması”**, Havacılık ve Uzay Teknolojileri Dergisi, Ocak 2010, Cilt 4, Sayı 3, Sayfa 57-67.
- Yücalar, F., Erdogan, S. Z., **“A Questionnaire Based Method For CMMI Level 2 Maturity Assessment”**, Journal of Aeronautics and Space Technologies, July 2009 Volume 4 Number 2 (39-46).
- Borandağ, E., Yücalar, F., Erdoğan, Ş. Z., İnce, F., **“Basamaklı CMMI Modeli ile Extreme Programming Metodunun Değerlendirilmesi”**, Trakya Univ J. Sci, 10(1):61-67, 2009.

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

- Balıkçı, F., Yücalar, F., **“Servis Odaklı Mimarilerde Web Servislerin Versiyonlaması İçin Stratejiler”**, 7. Mühendislik ve Teknoloji Sempozyumu, 15 – 16 Mayıs 2014, Çankaya Üniversitesi, Ankara.
- Borandağ, E., Yücalar, F., E., Şahinaslan, Ö., **“Yazılım Projelerinde Büyüklük Tahmini”**, Akademik Bilişim '13, 23 - 25 Ocak 2013, Akdeniz Üniversitesi, Antalya.
- Uzunşimşek, O., İlhan, O., Yücalar, F., Erdoğan, Ş.Z., **“Bilgi İşlem için Etkin Bir Arıza Kayıt Sistemi Önerisi”**, Akademik Bilişim '13, 23 - 25 Ocak 2013, Akdeniz Üniversitesi, Antalya.
- Okumuş, E., Mutlu, Y.F., Erdoğan, Ş.Z., Yücalar, F., **“Sensör Kullanarak Servis Araçlarında Doluluğun Uzaktan İzlenmesi”**, Akademik Bilişim '13, 23 - 25 Ocak 2013, Akdeniz Üniversitesi, Antalya.
- Yücalar, F., Şahinaslan, E., Borandağ, E., Şahinaslan, Ö., **“Yazılım Yöneticileri İçin Tümeşik Yetenek Olgunluk Modeli: Genel Bir Bakış”**, Akademik Bilişim '10, 10 – 12 Şubat 2010, Muğla Üniversitesi.
- Yücalar, F., Erdogan, Ş. Z., **“CMMI Basamaklı Modeli ile Yazılım Firmalarının Değerlendirilmesi için Bir Yöntem ve Uygulama”**, Yazılım Kalitesi ve Yazılım Geliştirme Araçları Sempozyumu (YKGS'2008), 9 – 10 Ekim 2008, s 53 – 57, ISBN: 978-975-6957-88-2.
- Tamer, İ., Yücalar, F., **“CNC için 3 Boyutlu Simülasyon-Denetleyici Tasarımı”**, BUMAT, 15 – 17 Ekim 2008, s 567-575, ISBN:978-975-7936-61-9.

#### 7.7 Other publications

##### Master Thesis

- Yücalar, F., **“Evaluation of companies which are being in the software sector has an understanding process focused quality management with the CMMI staged model”**. Advisor: Prof. Dr. A. Mesut Razbonyalı, Maltepe University, Graduate School of Natural and Applied Sciences, Department of Computer Engineering, 2006.

##### PhD Thesis

- Yücalar, F., **“Use-case based software effort estimation model”**, Advisor: Prof. Dr. Fuat İnce, Trakya University, Graduate School of Natural and Applied Sciences, Department of Computer Engineering, Edirne, 2011.

##### Papers presented at other international conferences

##### Papers published in other national journals

##### Technical reports

##### Books

## 8. Projects

- “Maltepe University – Student Information Systems (MUBİS)”, Consultant and Test Manager, 2010.
- “Maltepe University – Distance Education Systems Project”, 2008.
- “Maltepe University – Student Affairs Automation Systems Project”, 2002.

## 9. Administrative duties

- Celal Bayar University – Head of Software Engineering Department, 2013 – Continue...
- Maltepe University – Head of Software Engineering (Turkish) Department, 2012 – 2013
- Maltepe University – Co-Head of Department of Informatics (Vicariously), 2004 – 2005.
- Maltepe University – Software Specialist (Department of Informatics), 2002 – 2005.

## 10. Memberships in scientific organizations

- Turkey Informatics Association

## 11. Awards

- Maltepe University Faculty of Engineering and Architecture, Computer Engineering Department Graduation Grade (Championship Award)

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

Academic Year	Semester	Course Title	Weekly Hours		Number of Students
			Theoretical	Application	
2012-2013	Fall	Database and Management Systems	2	2	60
		Software Requirement Analysis	3	0	17
		Capstone Project I	0	4	9
		Management Information Systems (eMBA) <sup>1</sup>	1	0	13
		Capstone Project I (4 Group)	0	4	9
		Graduate Thesis I	0	0	2
2012-2013	Spring	Software Engineering	2	2	30
		Software Quality Assurance	3	0	45
		Graduate Thesis II	0	0	2
2013-2014	Fall	Algorithms and Programming I	2	2	36
		Basic Computer Sciences	2	2	104
		Software Quality Assurance	3	0	15
		Software Metrics	3	0	23
		Management Information Systems (eMBA) <sup>1</sup>	1	0	27
		Graduate Thesis III	0	0	2
2013-2014	Spring	Introduction to Software Engineering	3	0	35
		Expert Systems	3	0	37
		Software Engineering	2	2	18
		Information System Security	3	0	33