

## CURRICULUM VITAE

1. **Name and Surname** : Pelin YILDIRIM
2. **Date of Birth** : 08 / 06 / 1990
3. **Title** : Research Assistant
4. **Educational Status** :

Degree	Field	University	Year
Undergraduate	Computer Engineering (English)	Dokuz Eylul University	2013
Graduate	Computer Engineering (English)	Dokuz Eylul University	2015
Doctoral	Computer Engineering (English)	Dokuz Eylul University	continue

### 5. Academic Titles and Date of Appointments

**02/2014 –Research Assistant** (Manisa Celal Bayar University – Software Engineering Department)

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

#### 6.1 Master Theses

#### 6.2 PhD Theses

### 7. Publications

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

- Yıldırım, P., Birant, D., Alpyıldız, T., “Data mining and machine learning in textile industry”, *Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery*, vol. 8, no 1, 2018, DOI: 10.1002/widm.1228.
- Yıldırım, P., Birant, D., “K-Linkage: A New Agglomerative Approach for Hierarchical Clustering”, *Advances in Electrical and Computer Engineering*, vol. 17, no 4, pp. 77-88, 2017, DOI: 10.4316/AECE.2017.04010.
- Yıldırım, P., Birant, D., Alpyıldız, T., “Discovering the relationships between yarn and fabric properties using association rule mining”, *Turkish Journal of Electrical Engineering & Computer Sciences*, vol. 25, no 6, 2017, DOI: 10.3906/elk-1611-16.
- Cengiz, M., Birant, K. U., Yıldırım, P., Birant, D., “Development of an Interactive Game-Based Learning Environment to Teach Data Mining”, *International Journal of Engineering Education*, vol. 33, no 5, 2017.
- Kılınc, D., Özçift, A., Bozyiğit, F., Yıldırım, P., Yucalar, F., Borandağ, E., “TTC-3600: A new benchmark dataset for Turkish text categorization”, *Journal of Information Science*, vol. 43, no 2, 2015.

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

- Kilinc, D., Bozyiğit, F., Yıldırım, P., "Semantic RDF Based Integration Framework for Heterogeneous XML Data Sources", *International Journal of Engineering Trends and Technology*, vol.19, no 3, 2015.

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

- Yıldırım, P., Birant, D., “Improving Cluster Analysis Using K-means Based and Weighted Clustering Ensembles”, 2nd International Conference on Engineering Technology and Innovation ICETI’18, 7-11 March, Budapest, Hungary, 2018, ISBN: 978-605-67955-0-3.

- Yıldırım, P., Birant, D., Alpyıldız, T., “*Improving prediction performance using ensemble neural networks in textile sector*”, 2nd International Conference on Computer Science and Engineering UBMK’17, 5-8 October, Antalya, Turkey, 2017.
- Yıldırım, P., Birant, D., “*Naive Bayes classifier for continuous variables using novel method (NBC4D) and distributions*”, 2014 IEEE International Symposium on Innovations in Intelligent Systems and Applications (INISTA), 23-25 June, Alberobello, Italy, 2014.

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

- Birant, D., Yıldırım, P., A Framework for Data Mining and Knowledge Discovery in Cloud Computing, Book name: Data Science and Big Data Computing: Frameworks and Methodologies, Springer, 2016, ISBN: 978-3319318592.

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

- Yıldırım, P., Birant, D., “Bulut bilişimde veri madenciliği tekniklerinin uygulanması: Bir literatür taraması”, *Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi*, vol. 24, no 2, pp. 336-343, 2018, DOI: 10.5505/pajes.2017.65642.
- Yıldırım, P., Bozyiğit, F., Özcanhan, M. H., Utku, S., "Bulut Tabanlı Mobil Diyabet Kontrol Uygulaması: Mobil Diyabetim", *Bilişim Teknolojileri Dergisi*, vol.10, no 2, 2017.

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

- Yıldırım, P., Birant, K. U., Radevski, V., Kut, A., Birant, D., “*Sinyal Sınıflandırması için Topluluk Öğrenmesi Yöntemlerinin Karşılaştırmalı Analizi*”, 26. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı SIU’18, 2-5 Mayıs 2018, İzmir, Türkiye.
- Çağlayan, M., Çekirge, B., Birant, D., Yıldırım, P., “*Mobil Uygulama ile Görüntü İşleme ve Veri Madenciliği Tekniklerine Dayalı Melanom Tahmin Desteği Sağlanması*”, ASYU-Akıllı Sistemlerde Yenilikler ve Uygulamaları Sempozyumu, 09-10 Ekim 2014, Katip Çelebi Üniversitesi, İzmir, Türkiye.

#### 7.7 Other publications

##### Master Thesis

- Yıldırım, P., “Implementation of Data Mining Techniques in Cloud Computing”. Advisor: Assoc. Prof.Dr. Derya BİRANT, Dokuz Eylül University, Graduate School of Natural and Applied Sciences, Department of Computer Engineering, 2015.

##### PhD Thesis

##### Papers presented at other international conferences

##### Papers published in other national journals Technical

##### Reports

##### Books

#### 8. Projects

#### 9. Administrative duties

#### 10. Memberships in scientific organizations

**11. Awards**

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