

MURAT KAYA

PERSONAL INFORMATION

Sex : Male
Date of Birth : 12/03/1994
Marital Status : Single
Nationality : Turkish
Driving License : B/A2
Military Service : Postponed (Until 2017)



CONTACT INFORMATION

Address : Viranşehir mah. 34311 sok. Ataş Onur Sit. A bl. 2/3 Mezitli/Mersin
GSM : (539) 7466098
E-mail : ug.murat.kaya@toros.edu.tr / muratkaya.de@gmail.com

OBJECTIVE

I would like to be a good computer engineer, especially in medical area, car technologies and autonom agriculture tech so I improve myself, at the same time I would like to improve my company. I am a talkative person and I can always make good communication with people for my job.

EDUCATION

| | |
|---------------|---|
| Post Graduate | Mersin University / Computer Engineering (Continuing) |
| University | Toros University /Computer Engineering (graduated (second ranked degree)) |
| University | Anadolu University / Business (graduated) |
| High school | Mersin Eyüp Aygar Anadolu Lisesi |

WORK EXPERIENCE

| | |
|---------|---|
| 10/2012 | Mediterranean Games Mersin Technology Department I worked about network and hardware. I programmed NFC chips to accreditation. |
| 6/2015 | Telemed Medical Systems Improving MRI compatible ECG I worked about ECG systems and I made a ECG machine to work with MRI. At the same time I worked about reading DICOM file with C++ |
| 03/2013 | Toros University Brain Machine Interface Lab. Hardware and Software I am working at Toros University Brain Machine Interface lab for 3.5 years with Doç. Dr. Yuriy Mishchenko. I am working about more efficient EEG systems and BMA systems. |
| 01/2016 | Küçükler Akademi I worked to be a programming teacher for 9-12 years old students. |
| 02/2017 | TRT Çukurova IT Software development, IT works and cyber security |

ADDITIONAL EDUCATION & CERTIFICATES

| | |
|--------------------|--|
| 05/01 - 07/01/2013 | Mobile Communication and Mobile Applications (Toros University) |
| 10/11 - 22/12/2012 | International Rotary Club leader certificate |
| 27/04/2013 | Marketing Certificates |

Achievements

| | |
|------------|--|
| 30.04.2014 | 4.Doğu Akdeniz Üniversiteleri Ar-Ge Proje Pazarı Proje Yarışması (5.) |
| 06.05.2015 | Kredi Kayıt Bürosu Hayal Edin Gerçekleştirilim Sosyal Sorumluluk Proje Yarışması (5.) |
| 16.05.2015 | Sinyal İşleme Ve İletişim Uygulamaları Kurultayı "1. Sinyal İşleme Uygulamaları Yarışması (2.) |

Participation

| | |
|--------------|---|
| 24.04.2015 | Toros Üniversitesi "3. Bilişim Günü" (Moderator) |
| 9 Mayıs 2014 | Toros Üniversitesi "Mühendislik Günleri" (Presentation) |

Scientific Publications

| | |
|---------|---|
| 04/2014 | M. Kaya, Y. Mishchenko, H. Seckin "Methods for direct brain-computer communications using a Brain-Computer Interface." 4th Regional Project Fair of East Mediterranean Universities, Iskenderum, Turkey, April 30 2014. |
| 05/2015 | Y. Mishchenko, M. Kaya "Detecting the attention state of an operator in continuous attention task using EEG-based Brain-Computer Interface." 23rd IEEE Signal Processing and Communications Applications Congress SIU2015, Malatya, Turkey, May 16-19 2015. |
| 05/2015 | M. Kaya, Y. Mishchenko "The system for estimating operator's attention state." Mersin University R&D Project Fair 2015, Mersin, Turkey, May 7-8 2015. |
| 05/2016 | M. Kaya, H. Yanar, Y. Mishchenko "Developing computational infrastructure for an EEG-based brain computer interface." 24th IEEE Signal Processing and Communications Applications Conference SIU2016, Zonguldak, Turkey, May 16-19 2016. |
| 07/2016 | E. Ozbay, Y. Mishchenko, M. Kaya, H. Yanar "Control of a virtual robotic hand manipulator using a non-invasive EEG-based brain-machine interface", 1st International Mediterranean Science and Engineering Congress IMSEC2016, Adana, Turkey, October 26-28 2016. |
| 08/2016 | Y. Mishchenko, M.Kaya, H. Yanar, E. Ozbay "Characterization of the key properties of electroencephalographic signal for noninvasive brain machine/computer interface applications." SFN 2016, San Diego, CA, USA, November 12-16 2016 |

Articles

| | |
|---------|--|
| 10/2016 | Y. Mishchenko, M. Kaya, " Detecting an operator's attention state in a continuous passive control task using a portable electro-encephalographic brain-computer interface ", Biocybernetics and Biomedical Engineering |
| 07/2017 | M. Kaya, M.Comert, Y.Mishchenko "Beyin Bilgisayar Arayüzü İçin DVM Makine Öğrenme Yöntemi Kullanılarak EEG Verilerinden Sağ ve Sol El Hareket Düşüncelerinin Tespiti", TÜBAV |
| 04/2017 | Y. Mishchenko, M. Kaya, E. Ozbay, H. Yanar "Developing a 3- to 6-state EEG-based brain-computer interface for a robotic manipulator control", Transactions on Biomedical Engineering |

COMPUTER SKILLS

Visual Basic, Matlab, C#, C, HTML, PHP, Photoshop Programs(Adobe), Autocad, Networking and Hardware ,Word, Excel, Powerpoint, Outlook

LANGUAGE SKILLS

| | |
|---------|--|
| English | Reading: Advanced, Writing: Advanced, Speaking: Advanced |
|---------|--|

SOCIAL ACTIVITIES

Reading Technology Magazines, Billiards, Archery, playing saxophone, History

REFERENCES

| | |
|------------------|---|
| Yuriy Mishchenko | İzmir Economy University - Asst. Prof. - Bio medical engineering Phone:(530) 244 62 40 |
|------------------|---|