Erencan Cabuk

Summary

I am a person who attaches great importance to mutual motivation through personal relations, develops alternative solutions to issues with a strong belief that there is always a solution, believes that personal success is only achievable through common values. I am trying to work to add value to both my personal and professional life by constantly searching for a way to be better. To reach the best position I can reach and to be the best in what I do. I believe that I can do this with my savings, my ambition and perseverance. I am solution-oriented, analytical, entrepreneurial, responsible and honest.

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📍 Izmir, Turkey

in linkedin.com/in/erncncbk

github.com/erncncbk

https://www.hackerrank.com/erncncbk

https://stackoverflow.com/erncncbk

SKILLS

- Ms Office Programmes
- Python
- C,C++,C#
- Git
- Java
- Android Studio
- Matlab&Simulink
- AutoCAD
- R
- SQLite
- WEKA
- PLC
- Automation
- Proteus,Eagle,Multisim, OrCAD PSpice
- Flask
- Django
- PIC(Assembly & C)
- Solidworks
- Eplan
- Html5&CSS3
- WordPress

LANGUAGES

English
Professional Working Proficiency

Deutsch
Limited Working Proficiency

EDUCATION

Izmir Katip Celebi University
Electrical and Electronics Engineering (100% English)
2013 – 2019   *GPA: 3.02*

License Thesis
- Smart Phone Application for Visually Impaired (Tubitak 2209-B Undergraduate Graduation Thesis Support Program)

WORK EXPERIENCE

Part-Time Work
Teknik Elektronik
06/2018 – 10/2018   *Bornova/Izmir - Turkey*

Achievements/Tasks
- Electronic card design, software and testing.

Intern
Schneider Electric
07/2017 – 08/2017   *Çiğli/Izmir - Turkey*

Achievements/Tasks
- Repair of machines, PLC and automation learning

Intern
TEİAŞ
06/2016 – 07/2016   *Bornova/Izmir - Turkey*
Turkish Electricity Transmission Corporation

Achievements/Tasks
- Trainee in electronic and network systems

Stock Control Staff
Walmart
08/2015 – 09/2015   *Iowa/Spirit Lake - USA*

Housekeeper
The Inn At Okoboji
08/2015 – 09/2015   *Iowa - USA*

Lifeguard
Bridges Bay Resort
06/2015 – 09/2015   *Iowa/Arnolds Park - USA*

Waiter
Alaçatı Çivit Cafe
07/2013 – 10/2013   *Cesme/Izmir - Turkey*

HOBBY

Swimming Skiing

Chees Museum trip

Football Basketball

Reading Books

REFERENCES

Asst. Prof. Dr. Volkan KILIÇ

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Doruk Güldemet

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CERTIFICATES

AutoCAD
Bemka Eğitim

3Dmax
Bemka Eğitim

Development and Adaptation of Electrical and Electronic Measuring Techniques
Elginkan Vakfı

Automation Control
Elginkan Vakfı

C++ Programming
Elginkan Vakfı

Micro Level PLC and Smart Relay
Elginkan Vakfı

PERSONAL PROJECTS

Smart Phone Application for Visually Impaired

- This project has been done to help the visually impaired individuals to become more socialized. In this project, the user's eye will be considered as a telephone. The titles defined as the result of the captured image will be transmitted to the user by voice.
In addition, artificial intelligence (deep learning) was used in this project. It was used in conjunction with Convolution Neural Network (CNN) and Long-short Term Memory (LSTM). As a result image captioning was obtained. Deep learning algorithms were performed using python program. Tensorflow and Keras modules were used. Firebase server was used as server. Some json data and images are transmitted and received using this server. And the android application of this project was done.

Speed Controlled Road Bumper Using MATLAB OPC Server

- Project which aims to slow down the cars in the traffic or in the city. In this project, the automation design of the Speed Control Road Bumper system was made using the Schneider SoMachine PLC program. This system has been communicated with MATLAB via OPC server.

Smart Car

- Using the distance and motion sensors, the vehicle is provide to escape obstacles. In addition, GPS and Bluetooth module is used to reach the desired position. Thanks to the Android application made by the phone goes to the desired location.

Comparison Sorting Project

- Using MATLAB, I worked with sorting algorithms which are very important in terms of developing the algorithm capability. As a result, I converted about 12 sorting algorithms into a visual form with the MATLAB GUI.

Snake Game

- In this project Snake Game was made using PIC18F45K22 microprocessor. The project was implemented with C ++.The written code is embedded in Proteus Design Suite in hex format.