



Arda Baran ALPÖZEN

Electrical and Electronics Engineer

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PERSONAL DETAILS

Date of Birth and Place	20/12/1991 - İzmir
Marital Status	Single
Sex	Male
Driving License	B (2010)
Military Obligation	Postponed (27.05.2020)
Foreign Languages	English (Upper Intermediate) , French (Elementary)

EDUCATION

<i>High School</i>	Muğla Anadolu Öğretmen Lisesi , Muğla	2006-2010
<i>University</i>	Eskişehir Osmangazi University , Eskişehir	2010-2015
<i>Master</i>	Istanbul University , Istanbul	2017-2020

WORK EXPERIENCE

Intern Yeş Yatağan Termik Santrali, Muğla 2014

Maintenance of high voltage equipments were done. Generally, troubles of electrical motors and generators were worked out. In addition ; lots of experiment about electrical projects were gained.

Intern Esogu EE Computer Vision Lab. , Eskişehir 2015

We worked on a face recognition project. Especially, I worked on the part of the database creation. A lot of work was done on MatLab and C++ (OpenCV library)

Support Engineer Nodkom Komünikasyon 01/2016-

Updates and upgrades for Ericsson's customer (Turkcell & Turk Telekom) were performed. It is include that software upgrade and alarm handling on 2G (BSC , MSC , RBS , HLR) , 3G (NodeB , RNC) and LTE (E-NodeB) network elements.

OTHER SKILLS

- MS Office
- AutoCAD
- C/C++
- C#
- Java
- MatLab
- HTML
- DipTrace (PCB Design)
- ASP.NET
- Ericsson OSS
- GSM
- 2G/3G
- Ericsson Cabinets

PROJECTS

Remote Control Irrigation System : This project is my graduation project. Arduino and ethernet shield were used here. Arduino was used as a web server and HTML codes were embedded to Arduino. Access over internet were supplied with a modem. Transistors were used on the part of switching instead of relays. Demo of the project were tried over the related area. To sum up, some values were taken from soil by using sensors and according to these values system decided to irrigate and all processes can be observed over the internet.

Remote Control Home Automation System : Intel 8051 microcontroller was used in this project. Access to the system were supplied by using phone. DTMF was used to command the system. This project was not implemented at any home.

Frequency Meter : This project was implemented in two different microcontrollers (PIC and Arduino). A LCD was used to show frequency values. Input part of the microcontroller had a circuit about frequency reading. 74HC14 Inverter was used in this part. It can measure frequency up to 8 MHz.

C# , Java and web(HTML) based remote access microcontroller projects : Various small trial projects were done. Most of these projects were done to improve my skills. Some projects were done but different user interfaces were used. In serial port communication studies , C# and Java were used and in TCP/IP or internet communication studies, HTML, ASP.NET web application and C# were used. These project can be called as 'hobby project'.

ASP.NET Database Application: A website was created by using ASP.NET masterpage technology. MSSQL database structure was used by saving data. This project is about my job(Nodkom Komunikasyon). I control the roll-out details and node status by using this website.

REFERENCES

Osman PARLAKTUNA

Eskişehir Osmangazi University - Head of Electrical and Electronics
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