

Contact Information

**Cemalettin Albayrak**

Electronics R&D Engineer

E-Mail Address
info@cemalettinalbayrak.comBirthdate
09/08/1980Phone
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Turkey - Ankara - KeçiörenWebsite
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Personal

Gender
MaleNationality
Republic of TurkeyDriving Licence
BMilitary Services
Completed (30.05.2010)

Experience

**1 years**
—
5 monthsTitle
Electrical & Electronics EngineerCompany Name
Digitest ElectronicsCity
AnkaraCompany Sector
Defense IndustryStarting Date
05.2017Ending Date
09.2018Job Type
Permanent / Full-time

Job Definition

- * Gas mask sound system
- * Multi Functional Display (LVDS LCD, Hdmi in/out and Composite Video In/Out)
- *BLDC Brushless DC Motor Driver
- * Joystick Firmware
- * Bobcat remote controller via CanBus

**5 years**
—
11 monthsTitle
Electronic Research and Development EngineerCompany Name
Teta Elektronik AŞ. & Seson Tıbbi cihazlar ltd.ştiCity
AnkaraCompany Sector
Medical devicesStarting Date
07.2011Ending Date
05.2017Job Type
Permanent / Full-time

Job Definition

A/B Mode Ultrasound Device (10 Mhz Piezo, TI Analog Front-End, FPGA and 32 bit MicroController) (Seson Tıbbi Cihaz Ltd Şti.)

Hotel automation systems (Hitit Ayaş Termal , Hattuşa Termal ,Erzin ISOS)

Hospital automation systems (Güven Hospital)

RFID/Mifare applications

MoneyCard application (PeCard)

GSM/GPRS/GPS applications

Water Dance animation (Fethiye Uğur Mumcu Park, Balıkesir Cumhuriyet Park)

P10 Led Display applications

WavPlayer (Gençlik ve Spor Bakanlığı Call System, Antalya Miniaturk 6 languages demo system)

CarPark automation systems

Staff attendance control system (Diş Hekimliği Birliği, Milli Kütüphane)

Smart the lockers system (ASBÜ. Kütüphanesi)

Thermal breeder automation systems (CP Piliç)

Stadium automation systems (Anadolu Üniversitesi 2 Eylül Stadyumu)

inventory tracking software (Teta Elektronik)

Kiosks Software

bus station automation systems (Zonguldak Otogarı)

ambulance automation systems (Dorser)

Bluetooth Low Energy Beacon



10 months

Title
Lecturer

Company Name
Kırıkkale Meslek Yüksek Okulu

Company Sector
Universities

Starting Date
09.2010

Ending Date
06.2011

Job Type
Part Time

Job Definition

Biomedical,

Microcontrollers,



11 months

Title
Electronic Research and Development Engineer

Company Name
Nanotronik LTD

Company Sector
Software

Starting Date

Ending Date

Job Type

08.2008

06.2009

Permanent / Full-time

Job Definition

Humidity Sensor Device,**Watering Control Device,****1 years**

—

1 months

Title

Owner Of The Firm

Company Name

Ncy Electronics

City

Ankara

Company Sector

Electronic security systems

Starting Date

09.1998

Ending Date

09.1999

Job Type

Permanent / Full-time

Job Definition

Ncy (New Confident Years) Electronics Company profile was electronics security systems.**(Car alarm system, Car e-Lock, Car automatics window system, Speaking Car device, Smart building systems)**

2 months

Title

Trainee

Company Name

Verap Ankara AŞ.

City

Ankara

Company Sector

Electric& Electronic

Starting Date

07.1997

Ending Date

08.1997

Job Type

Intern

Job Definition

I learned electronics production proseses.

Education

**Bachelor****Graduation Degree
2.9100001 / 4**

University

Ankara University

Faculty

Engineering Faculty

Department

Electronics Engineering

Starting Date

09.2004

Ending Date

06.2008

Education Type

Formal Education

Education Language

Turkish**Associate Degree****Graduation Degree
86.9 / 100**

University

Kirikkale University

Faculty

**Vocational School of
Technical Sciences**

Department

Electricity

Starting Date

09.2000

Ending Date

06.2002

Education Type

Formal Education

Education Language

Turkish



High School

Graduation Degree
4,24 / 5

High School Name
İncirli Teknik Lisesi

Department
Electricity

Ending Date
01.1998

Education Type
Technical High School

Languages

Language

Level

English
Good



Competencies

Computer Skills

• Visual Studio.Net (2010) (VisualBasic.Net, C#.Net) • Microcontroller (PIC12,PIC16, PIC18, PIC24,dsPIC33, PIC32MX,PIC32MZ, MCS51,Stm32F7) • FPGA (Xilinx Spartan 3, Spartan6LX9) (VHDL, MicroBlaze) • DSP (Digital Signal Processing) • MultiLayer PCB design (Altium,Proteus,Orcad) • DataBase (MS SQL Server, MS Access) • MATLAB • TCP/IP UDP protocol • Microsoft Office (VBA) • AutoCad (VBA) • Web Applications (Asp.Net,HTML,CSS,JavaScript) • FriendlyARM (Win CE 6.0) • Raspberry Pi (Raspbian OS) • HDMI, LVDS, RS232, RS485, CanBus, I2C, SPI, USB2.0, Wiegand, IEEE802.11 (WiFi) , IEEE802.3 (Ethernet)

Certificates

Certificate Name
informatics

Certificate Date
06.2005

Certificate Institution
**Ankara University
informatics**

Description
Hardware,Windows,Word,Excel,Power Point, internet

Certificate Name
foreign

Certificate Date
06.2005

Certificate Institution
**Ankara University foreign
language ens.**

Description
English preparation Class

Exams

Exam Name
YÖKDİL

Test Date
11.2017

Test Conducted By
YOK

Test Result
60

Description
English Exam

Exam Name
**ALES (Akademik Personel ve Lisansüstü Eğitimi
Giriş Sınavı**

Test Date
11.2012

Test Conducted By
OSYM

Test Result
77

Description
Score

Skills	Skills	Level
	Labview	★★★★☆
	OpenCV	★★★★☆
	Assembler x86	★★★★☆
	VHDL	★★★★☆
	Visual Basic	★★★★★
	MS Access	★★★★★
	Electric Engines	★★★★☆
	FPGA	★★★★★
	Power Electronics	★★★★☆
	Intel 8051	★★★★★
	Wireless applications	★★★★★
	Microprocessors	★★★★☆
	ORCAD	★★★★★
	PIC	★★★★★
	PLC	★★★★★
	Telecommunication Systems	★★★★☆
	DSP (Digital Signal Processing)	★★★★☆
	Printed Circuit Design	★★★★★
	PLC/RTU	★★★★★
	SCADA	★★★★★
	Kablosuz GSM	★★★★★
	Microcontroller	★★★★★
	MS SQL Server	★★★★★
	ASP.NET	★★★★☆
	CNC	★★★★☆
	VLSI Design	★★★☆☆
	Image Processing	★★★★☆
	MATLAB	★★★★☆
	Linux	★★★★☆
	Ethernet	★★★★☆
	TCP/IP	★★★★★
	RFID Card Pass Control Systems	★★★★☆
	HTML	★★★★☆
	Visual Basic.Net	★★★★★
	C#	★★★★★

Scholarships/Awards/Achievements

TürkPLC v1.0, (Programable Logic Controller Device Hardware and software) (2000-2002)
TurkNCY, Software-in-Software (2003)
Image Prosesing aplications, (2015-2016)
Azan Time Display, (2005)
Rf data copier and generator,CTCSS codes gen., rf encoders (such as PT2262,mc145026) Scanners (2006)
Multi e-mail Sender, (2009)
Voltmeter,(2006)
Frequency Meter,(2006)
Ultrasonic Distance Meter,(2008)
RF receiver with code recognise,(2011)
Speaking Cars Device, (2003)
Car Alarm systems, (2011)
Line Follower game train, (2007)
Eprom Wav Player, (2001)
Led billboard animation, (2001)
PSTN Phone Call Center(2002)
Fire Alarm System(2004)
Smoke Dedector (2004)
Lock With Password v1.0(1997)
Lock With Password v2.0 (2005)

References

Name of Reference	Company	Position in the Company	Phone	E-Mail
Tuncer Kucur	İncirli Teknik ve EML	Technic Teacher	05052564832	tuncerkucur@hotmail.com
Gökhan İlk Reference Letter	Ankara Üniversitesi	Academic Member	05357299229	ilk@ieee.org

Cemalettin Albayrak en iyi öğrencilerimden biri olup kendisi hakkında ilk@ieee.org adresinden bilgi alınabilir

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