

Contact Information



Cemalettin Albayrak

Electronics R&D Engineer

E-Mail Address
info@cemalettinalbayrak.com

Birthdate
09/08/1980

Phone
90 (505) 514 63 73

Address
Turkey - Ankara - Keçiören

Website
www.cemalettinalbayrak.com

Private Info

Gender
Male

Nationality
Republic of Turkey

Driving Licence
B

Military Services
Completed (30.05.2010)

Experience



1 years
—
5 months

Title
Research and Development Engineer

Company Name
Digitest Electronics

Company Sector
Defense Industry

Starting Date
05.2017

Ending Date
09.2018

Job Type
Permanent / Full-time

Job Definition
I worked as electronics R&D team leader.

Projects which we developed;

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



5 years
—
11 months

Title
Research and Development Manager

Company Name
Teta Elektronik AŞ. & Seson Tıbbi cihazlar ltd.şti

Company Sector
Automation

Starting Date
07.2011

Ending Date
05.2017

Job Type
Permanent / Full-time

Job Definition

I worked as electronics R&D manager.

Projects which we developed;

* 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 (Guven 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 Miniatürk 6 languages demo system)

*CarPark automation systems

*Staff attendance control system (Diş Hekimliği Birliđi, 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

I had worked as lecturer for 2 terms. I teached some lecturs for the undergraduted students. Biomedical, Microcontrollers and PCB Desing (etc.) were some lecturs which I teached.



11 months

Title

Electronic Research and Development Engineer

Company Name

Nanotronik LTD

Company Sector

Software

Starting Date
08.2008

Ending Date
06.2009

Job Type
Permanent / Full-time

Job Definition

I worked as electronics R&D team leader.

Projects which we developed;

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

I founded company in 1998.

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 processes.



Bachelor

Graduation Degree
2.9100001 / 4

University
Ankara University

Starting Date
09.2004

Education Type
Formal Education

Faculty
Engineering Faculty

Ending Date
06.2008

Education Language
Turkish

Department
Electronics Engineering



Associate Degree

Graduation Degree
86.9 / 100

University
Kırıkkale University

Starting Date
09.2000

Education Type
Formal Education

Faculty
**Vocational School of
Technical Sciences**

Ending Date
06.2002

Education Language
Turkish

Department
Electricity



High School

Graduation Degree
4,24 / 5

High School Name
İncirli Teknik Lisesi

Ending Date
01.1998

Education Type
Technical High School

Department
Electricity

Languages

Language

English
Good

Level



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

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

Certificate Date
06.2005

Certificate Institution
**Ankara University
informatics**

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

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, Image Processing, MATLAB, Linux, Ethernet, TCP/IP, RFID Card Pass Control Systems, HTML, Visual Basic.Net , C#, MIL-STD 810, MIL-STD-461, Microsoft Office, Project Management, Emc, Medical Devices, Defence, Single/Multilayer PCB, Altium Desinger , UDP, Xilinx, EMI

Scholarships

TurkPLC v1.0, (Programable Logic Controller Device Hardware and software) (2000-2002)
TurkNCY, Software-in-Software (2003)
Image Prosesing applications, (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)

Hobbies and Interests

reading and writing books,

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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