

EUROPEAN CURRICULUM VITAE FORMAT



Personal Information

First Name / Surname Abdullah Berkay Bayındır
Date of Birth 12/09/2001
Gender Male
Nationality Turkish

Contact Details

Address Adnan Menderes Mahallesi 1060. Sokak 6/11 Keçiören/ANKARA
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Work Experience

Dates(from-to) 15.01.2022 – 01.05.2022
Name and address of employer Texas A&M University at Qatar, Smart Grid Center - Education City Student Center, Doha/Qatar

Type of business or sector Power electronics
Occupation or position held Undergraduate student researcher

- Main activities and responsibilities
- Responsible for designing useful tools for hardware using STM32 microcontroller peripherals.
 - Designed user interfaces for hardware using TouchGFX.
 - Implemented an IM Driver for low-cost applications using STM32 microcontrollers.
 - Wrote a conference paper about IM drive.
 - Volunteered in the “3rd Annual Smart Grid and Renewable Energy Conference”.

Dates (from-to) 26.05.2021 – 06.09.2021
Name and address of employer ESEN System Integration - Üniversiteliler Mahallesi, İhsan Doğramacı Bulvarı, No: 37/3 Satgeb -2 Titanyum- C Blok ODTÜ Teknokent, 06800, Çankaya/Ankara

Type of business or sector Aviation and space technologies
Occupation or position held Long term intern

- Main activities and responsibilities
- Did some research about the fundamentals of RF and Microwave Systems.
 - Gain basic knowledge of RF/Wireless lab equipment such as Network Vector Analyzer, Analog Signal Generator, and Spectrum Analyzer.
 - Used AWR Microwave Office circuit design software for circuit design and testing.

Dates (from-to) 01.06.2019 – 17.07.2019
Name and address of employer Konelsis Control Systems – Serhat Mahallesi, 1467. Cadde, 1464. Sokak, Öz Ankara Sanayi Sitesi, 06734, Yenimahalle/Ankara

Type of business or sector Electric and automation technologies
Occupation or position held Volunteer Intern

Main activities and responsibilities

- I completed this internship in Konelsis before starting University. Being there, I have seen the production field and learned some basic information about my major.

Education and Training

Dates (from-to) 13.09.2019 - Ongoing
Name and organization providing education and training TOBB Economy and Technology University
Principal subjects/Occupational skills covered Higher Mathematics, Electrical and Electronics Engineering
GPA: 3.68
Title of qualification awarded Undergraduate

Personal Projects

Name of the project Ball on Plate Balancing System
Dates(from-to) 09.05.2022 – Ongoing
Subject Electrical and mechanical design of a ball on plate balancing system.

Name of the project V/f Constant Control of an Induction Motor
Dates(from-to) 16.01.2022-20.04.2022
Subject This project was developed during my second internship. Speed control of an IM is achieved with an STM controller.

Personal Skills and Competencies

Mother Tongue Turkish
Other Language(s) English
Reading Skills: Independent User C1
Writing Skills: Independent User C1
Verbal Skills: Independent User C1

German
Reading Skills: Basic User A1
Writing Skills: Basic User A1
Verbal Skills: Basic User A1

Social skills and competences

- Team player
- Open-minded
- Chasing professional opportunities

Technical skills and competences

- Ability to work with different laboratory equipment
- Great knowledge and interest in both theoretical and practical engineering

Digital skills and competences

Programming

- C
- MATLAB
- C++
- Python

Hardware Design Language(s)

- Verilog

Simulation Program(s)

- MicroCap 12
- AWR Microwave Office
- Proteus

PCB Design Software(s)

- AutoCAD Eagle

Version Control System(s)

- Git

- Other skills and competences
- I played professional basketball between 2017 and 2018.
 - I know how to Google things

- Driving license
- Active driver since 2019 – Category B driver’s license

References

Name of the individual Prof. Dr. Ramazan Bayindir
Job title Vice-rector of Gazi University
Email bayindir@gazi.edu.tr

Name of the individual Prof. Dr. Haitham Abu-Rub
Job title Managing director of Smart Grid Center
Email haitham.abu-rub@qatar.tamu.edu

- Additional information**
- In May 2022, I have scored 7.5 in the IELTS Academic exam.
 - I am a special passport holder in Turkey. I don’t need a visa except for USA and UK.
 - I can attend interviews face-to-face.