



# BERKAY BOZKURT

ANKARA / TURKEY

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## COVER LETTER

I have collected many experiences which can only be learned the hard way.

## EDUCATION

**Gazi University** Bachelor of Engineering / Electrical and Electronics Engineering 09/2015 - 09/2020  
○ **Graduation Project:** RF Energy Harvesting Circuit Design With Cockroft-Walton Voltage Multiplier

**Hacettepe University** Master of Science / Engineering Management 02/2025 - Now

## WORK EXPERIENCE

### ➤ ASELSAN A.Ş.

- **Electro-Optical System Design Engineer** 10/2024 – Now
  - ✓ Image quality analysis, detectors, electronics, control systems, optics
  - ✓ Amelation
- **Hardware Design Engineer** 10/2020 – 10/2024
  - ✓ Schematic & PCB layout design with FPGAs, SoCs and Microprocessors for high-end military systems
  - ✓ Extensive knowledge & design experience with Aiglex 7, ArriaX SoC & FPGA, CycloneV, i.MX 8M Plus, Atom x6425E
  - ✓ Design experience & knowledge on high-speed serial interfaces (PCIe, USB 3.0, SFP+, GbE, SATA, SRIO etc.), external memory interfaces (DDR3, LPDDR4, SSD, eMMC etc.), digital video interfaces (SDI, CameraLink, HDMI, DP etc.) and other serial communication interfaces (I2C, SPI, UART etc.)
  - ✓ Pre-layout signal integrity analysis with HyperLynx SI
  - ✓ Custom board verification and bring up
  - ✓ Amelation
- **Candidate Engineer** 12/2019 - 09/2020
  - ✓ Schematic design of a common image processing board consisting Cyclone V FPGA with PADS Professional
- **Intern** 07/2019 - 08/2019
  - ✓ Schematic & layout design of a 2 layer PCB with MSP430 microcontroller using Altium Designer,
  - ✓ Implement simple C codes in MSP430 with Code Composer Studio.

### ➤ TRT Studios and Program Transmission Systems Department

08/2018 - 09/2018

- **Intern**
  - ✓ Maintenance of the servers

## PATENTS

- [TR 2022 005680](#) – Elektro-Optik Sensör Birimleri İçin Modüler Akıllı Elektronik Kart Mimarisi

## LANGUAGE SKILLS

**Turkish** Native  
**English** Advanced