**Anıl Aydın**

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**Education**

Mersin Science High School, Yenişehir, MERSİN

4 th. year Student at Electrical and Electronics Engineering

Middle East Technical University, Ankara, TURKEY

CGPA: 3.10/4.00 (81/100)

**Programming Skills**

C Programming (Pre-intermediate level)

C# Programming

Phyton

MATLAB&Simulink

**Computer Skills**

Microsoft Office

Cadence

GitHub (VCS)

Key Kreator 7.5

Altium Designer

Quartus

Ltspice

Unity 3D

Arduino (going on learning)

Raspberry pi

**Certificates**

Raspberry pi training (CHAMBERS OF ELECTRICAL AND ELECTRONICS ENGINEERING)

Deep Learning (CHAMBERS OF ELECTRICAL AND ELECTRONICS ENGINEERING)

Source Tree ile Git ve GitHub Kullanımı (Udemy Academy)

Programming with python, from beginning to higher (Udemy Academy)

Mastering Simulink: The Definitive step by step introduction (Udemy Academy)

Learn MatLab and Simulink Programming (Udemy Academy)

Tech Explorations Arduino Step by Step Your Complete Guide (Udemy Academy)

**Work Experiences & Activities**

**BOSCH San. Tic. A.Ş long term project internship (2018)**

**METU Electrical Engineering Department Power Lab Research League(2018)**

**SIMSOFT Computer Technologies Internship (2016)**

**IEEE METU Student Club (2015-2017)**

**Member of Robotics and Automation Society**

**ODTU QUIDDITCH SOCIETY (2014-present)**

**METU Publicity Office Assistantship (2015-2017)**

I was making presentations about METU to High School Students

**Projects**

**Analog Parking Lot Access Control System**

It was my first project about electrical engineering which was done in EE214 course at

METU. It was about understanding how to sensory systems work basically and how to design a

complicated circuit by combining simple ones which is useful for a purpose

Ball-Bot Robot Project

I simulated some physical systems using MATLAB Simulink during my summer practice to construct

ball-bot Robot

**2 Layer PCB design of isolated single-phase current and voltage measurement device**

This project was assigned in power-lab METU as a challenge. The device that I designed performs 1

phase voltage and 1 phase current measurement. All the measurements were isolated. The range of

measurements are 250 Vrms and 30 Arms. To read the voltage and current values, I used a

microcontroller which has an A-D converter and transferred this data to an LCD display. In this

project mostly I used Texas instruments products such as AMC110, AMC1200, OPA376, DCP01 etc.

**Automatic visual inspection system for scrap detection of nozzle body production**

In the nozzle body production process, the inner surface defects were controlled manually by visual inspection operators. My task was to produce an algorithm to distinguish good and bad products and make a conceptual design for a machine that can control defects automatically. The algorithm that I wrote processed images of the products and decided which one is scrap.

**Languages**

Turkish (Native)

English (Advance)

**Hobbies & Interests**

Playing Quidditch

Playing Turkish Guitar(Baglama)

Watching documentary

Aviation

Travelling