

# Curriculum Vitae

Nail Tosun

Electric and Electronic Engineering Department, METU

nail.tosun@metu.edu.tr [github.com/nailtosun](https://github.com/nailtosun)

nailtosun.me +905326871699

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## Personal Statement

I am a highly motivated and hard-working individual, who has recently completed third year in Electrical and Electronic Engineering Department. I will choose Power Electronic option for my senior year with both some of control and computer option's courses. My interest areas are machine learning, data science and electrical machines. I am currently undergraduate researcher at METU Power-lab and STAR student of Murat Gol's research project which is solar prediction algorithms.

## Knowledge

I use **Python** also with mostly *Numpy*, *Pandas* and i have little experienced with *Keras* mostly on *Tensorflow*. But i am motivated with learning so i can use other libraries.

I have knowledge about web languages. I used HTML5 with *Canvas*, **JavaScript** and CSS.

I have experienced with **C** and **Verilog** I effectively use **MATLAB** some other packages *Control System Toolbox*.

## Internship

### EPRA (Engineering, Procurement, Research and Analysis)

During internship, we worked data analytics on Turkey electricity and water consumption in order to catch illegal usage of electricity. We mostly work machine learning algorithms like clustering

### Solis Engineering

During internship, i learned designing PV Solar Energy Electricity Production Centrals principle. Learning basics of photovoltaic panels, inverters, MPPT's etc. I also developed CAD skills mostly on AutoCAD

## Certificates

CS50x: Introduction to Computer Science *Harvard University*

DAT203.3x: Applied Machine Learning *Microsoft*

DAT236x: Deep Learning Explained *Microsoft*

DAT208x: Introduction to Python for Data Science

## GPA

GPA/cGPA = 4.00/2.90