




**Hakan
Polat**


DATE OF BIRTH:
30/06/1994


CONTACT

Nationality: Turkish

Gender: Male

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ABOUT ME

<https://ieeexplore.ieee.org/author/37086876141> <https://scholar.google.com/citations?user=I3TDr2YAAAAJ&hl=en>

EDUCATION AND TRAINING

09/2014 – 06/2018 – Universiteler Mah. Dumlupinar Blv. Çankaya Orta Dogu Teknik Üniversitesi, Ankara, Turkey

Bachelor of Science

Middle East Technical University

Field(s) of study

◦ Electrical and Electronics Engineering

3.39/4.00 <https://www.metu.edu.tr/>

09/2018 – CURRENT – Üniversiteler Mahallesi Dumlupinar Bulvarı Orta Doğu Teknik Üniversitesi, Çankaya, Ankara, Turkey

Master of Science

Middle East Technical University

Field(s) of study

◦ Electrical Machinery and Power Electronics

3.33/4.00 <https://www.metu.edu.tr/>

WORK EXPERIENCE

30/11/2020 – CURRENT – Ankara, Turkey

Teaching Assistant

Middle East Technical University

Working as a full time teaching assistant in METU.

03/2020 – CURRENT – Ankara, Turkey

Research Assistant

TUBITAK

Working on a funded project where the aim is to design a contactless slip ring using

inductive power transfer. The work includes PCB design, coil design, and system integration

where a modular system structure is employed.

07/2018 – 02/2020 – Ankara, Turkey

Research Engineer

PARGE A.S.

Worked in a joint project with ASELSAN A.S. where I mostly worked on finite element

modeling (FEM) of electromagnetic launchers (EML), EML rail-armature design, and pulse power

supply integrated EML simulations.

07/2017 – 08/2017 – Regensburg, Germany

Internship

Infineon Technologies

I constructed my summer internship for 2 months in the department of production where I

developed practical skills and also theoretical knowledge about power electronics inverter

production. Also, I briefly had the chance to see silicon production and its steps.

07/2016 – 08/2016 – Istanbul, Turkey

Internship

Alarko Carrier San. A.S.

Worked in the department of Building Automation Systems for one month.

LANGUAGE SKILLS

MOTHER TONGUE(S): Turkish

OTHER LANGUAGE(S):

English

Listening
C2

Reading
C2

**Spoken
production**
C1

**Spoken
interaction**
C2

Writing
C1

German

Listening
B2

Reading
B2

**Spoken
production**
B2

**Spoken
interaction**
B2

Writing
B1

DIGITAL SKILLS

CAD+ Analysis

COMSOL MF Module / AutoCAD / Solidworks / Altium Designer / ANSYS Maxwell

Computer Language

C++ / C / MATLAB / Python

Other Programs

MS-Office / LTSpice / LaTeX / Arduino

HOBBIES AND INTERESTS

2013-2018 Member of METU Archery Team

I took part in the university and Turkish Archery Federation competitions.

2016-... Member of METU PowerLAB

<https://odtu.github.io/>

2008-... Member of Sakarya Scouting Group

Attending hikes and camping activities since highschool