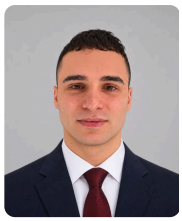
Kursat Kaya

Electrical & Electronics Engineering

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Profile

I'm a final-year student at Karabük University. I'm looking for a graduate role in embedded systems, electronics design or hardware testing.

Education

Karabük University

BSc in Electrical and Electronics Engineering · September 2023 – present

Final year of a degree taught entirely in English. Coursework includes analogue and digital electronics, microprocessors, signal processing, control systems and electrical machines.

Engineering Practice

Circuits & Measurement

I simulate analogue and digital circuits, then use an oscilloscope and signal generator to examine their behaviour in the lab.

LTspice, Proteus, bench instruments

Embedded Systems

I study microprocessor architecture and write hardware-level code in C and 8-bit assembly. My interests include microcontrollers and sensor interfaces.

C, C++, 8-bit assembly

Signal & Control

I use MATLAB to model signals and control systems. My electrical machines coursework covers energy conversion and the principles behind motor operation.

MATLAB, Python, mathematical modelling

Programming Languages

Python, C, C++, MATLAB, 8-bit assembly

Technical Training

Uludoğan & KARSAV

Earned a certificate by examination after a training programme run by Uludoğan Savunma Sanayii Teknoloji Şirketi and Karabük University's Defence Technologies Club (KARSAV).

Languages

English, B2 certificate. German, A1.

Additional Tools

AutoCAD, basic PCB reading, sensor and integrated circuit applications.

References available upon request.