

# Mahmoud Osman

mahmoudprojects.github.io/ | [osman.mahmoud@mik.ptt.hu](mailto:osman.mahmoud@mik.ptt.hu) | +36 70 672 38 03 |

[linkedin.com/in/mahmoud-e-osman-4b9368178/](https://www.linkedin.com/in/mahmoud-e-osman-4b9368178/)

## PROFILE

Embedded Systems Engineer and Specialized Lecturer at the University of Pécs with interests in the field of hardware and software design and development.

## EXPERIENCE

### Specialized Lecturer | University of Pécs

February 2023 - Present

- Teaching and evaluating bachelor level theoretical and lab courses including microcomputers, communication engineering, project labs and design of microelectronic systems.
- Member in two research groups namely: Parameterized comfort in physical spaces and National Laboratory of Cooperative Technology. (in HU: KTNL)
- Evaluation of Bachelor theses as opponent.

## EDUCATION

### University of Pécs, Hungary

Electrical Engineering, Bachelor of Science

GPA: 4.01/5

2019 – 2023

### Ali Bin Jassim Secondary School

Doha, Qatar

GPA: 95%

2019

## CERTIFICATIONS

### German A1

2022

- University of Potsdam, Germany

## AWARDS

### Second place in OTDK (National Scientific Student Conference)

2023

ELTE, Budapest

- Design of Personal Comfort measuring device.

### First place in TMDK

2022

Pécs, Hungary

### Huawei SEEDs Scholarship of Excellence

2022

PTE MIK, Pécs

## SKILLS

### General

Hardware development, PCB Schematic and Layout design, KiCAD, Embedded C, RTOS, ESP32, Scientific Research, Teaching

**Programming Languages** C, Arduino

**Tools:** Linux, Git, Makefile, Visual Studio Code, ESP-IDF

**Languages:** Arabic (Native), English(advanced), German(Beginner), Hungarian(Beginner)