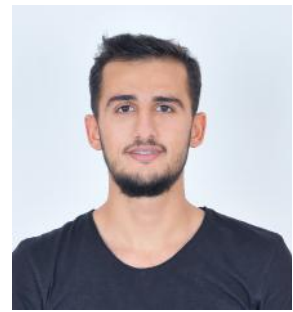


Hüseyin MEN
hmen5634@gmail.com
+90 542 315 0724
+46 72 271 8192
linkedin.com/in/hüseyin-men-98761a127/



EDUCATION

- Kaunas University of Technology, Faculty of Mechanical Engineering and Design (11/2020 - 01/2021)
- Mersin University Electrical-Electronic Engineering 2015-2020 (GPA- 3.33/4.00)
- Czestochowa University of Technology (2017-2018 Spring Term - Erasmus)

EXPERIENCE

- **Embedded Software Engineer** : Elonroad AB (01/2022 - Present)
 - C Application development for EV CCS Protocol ()
 - TCP/IP Programming on Low level applications
 - Python Application Development on Embedded Linux
- **Software and Hardware Engineer** : Grönska Stadsodling AB (01/2021 - 01/2022)
 - Worked at every phase of Hardware and Software Design of Products/Modules.
 - Automated GrowOff Module Core script (Python , Shellscrip , DOCKER , Yaml).
 - NodeJS Cloud and UX Development for IOT Units (React , NodeJs)
 - RealTime Module Sensors' data visualization (Grafana, Telegraf, Mqtt, Docker)
- **Software & Automation Engineer** : ANT Engineering (08/2020- 11/2020)
 - LS PLC and HMI Programming (IEC 61131-3 Standard)(XG500 & XP-Builder)
 - 4Axis Aluminum Shaper CNC machine (MXP EtherCAT and QT Desktop APP)
 - CNC Machine Desktop Application with MXP-RAV and C++(QT) implementation
 - Python & TensorFlow FaceMask detection and controlling Door with PLC ModBUS

SKILLS

- **Programming Languages** : C , C++ , Python , JS , ASM , Bash Script
- **Operating Systems** : UNIX based systems (Ubuntu/**Linux**) , Windows
- **Tools** : CMake , Meson , GIT
- **CI/CD** : Docker , Gitlab
- **Communication Protocols** : SPI , CAN , I2C , RS485

- **C/C++**

- Oscillator and Signal Generator device with Raspberry PI (Custom OS via BuildROOT)
- Created TCP/IP Communication Layer between STM32 boards.
- CNC-Servo and EtherCAT IO Controller Desktop application with QT and MXP SoftmotionAPI.

- **Python**

- Real Time data exchange Application on TCP/IP with GUI(PyQt5).
- Plate Recognizable Smart Auto Parks (Raspberry Pi).
- Face Mask Detection project for Malls.
- PLC GPIO Controller Application over ModBUS.

- **MATLAB**

- Analyze and Determine Natural Response of RLC circuit.
- Created a transfer function of Gyro Sensor using data sheet.
- Modulation and Demodulation Signals with custom Fourier transform function.
- Computerized Tomography Software (Projection and Back - Projection on CT images)

- **GITHUB** : <https://github.com/hmen5656>

- **REFERENCES** : Will be shared when it's requested