## CONTACT


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> "Code is like humor. When you have to explain it, it's bad."
>
> *Cory House*

## INTERESTS

- **Reading**
- **Photographing**
- **Cycling**
- **Table-Tennis**

# ENIS **MUSLIU**

## PROFILE

An Embedded Systems Engineer ready to learn anything useful and practical I encounter.

## EDUCATION

### Bachelor of Computerized Automation and Robotics

**University of Prishtina, Prishtina | 2016 - Present**

Studying about programming, electronics, communication protocols and all things needed to design, build, and control the movements and actions of robots and automation systems

## COURSE

### THE WEB DEVELOPER BOOTCAMP 2021

**Udemy/Colt Steele | August 2021 - Present**

A 63 hours course for Web Development. This course does not cut any corners, as the instructor of this course spent 8 months preparing this course. The course includes practical lessons and tips and tricks as to where that knowledge can be applied.

- **Front-end(30Hours):**
  HTML5, CSS3, Flexbox, Grid, Responsive Design, Bootstrap5, Javascript(all 2020 modern syntax, ES6, ES2018, etc.), DOM, API's.

### PLC PROGRAMING

**MIRECK/Kushtrim Mehmeti, Prishtina | May 2021 - August 2021**

- **How a PLC works(10Hours)**
- **Programming PLCs in Ladder Logic(8 Hours)**
- **Program real world example project(10 hours)**
- **Introduction to HMI programming(5Hours)**

## SKILLS

**Embedded Systems**

- C++
- Embedded C
- Assembly
- Eagle
- KiCad
- Altium Designer

**Web Development**

- HTML5
- CSS3
- Bootstrap5
- Javascript

**PLC Programming**

- Function Block Diagram(FBD)
- Structure Text
- Ladder Logic

**Other's**

- Git
- Github

# PROJECTS

## RENESAS MCU 2020

**RENESAS COMPANY | January - March 2020**

**Team-work project!**

This was a competition between universities world wide about robots' performance. We had to assembly the parts of an autonomous robot car, programming it, optimizing it in order to drive faster and be accurate as much as possible.

- The programming language used:**C**

## ARDUINO PARKING PROJECT

**University Project | December-January 2020**

**Project is made with:** Arduino Uno microcontroller, RFID, Ultrasonic Sensor, 16x2 LCD, Servo Motor, Potentiometer and some Led-Diodes.
The primary goal of this project was to understand how these sensors and actuators works, as well as how they are programmed. The project is called Parking Project because through the combination of these devices and their programming we have come to the concept of how a parking in real life could have functioned.

- The programming language used:**C++**

## PTZ CAMERA CONTROL VIA PELCO PROTOCOL

**University Project | March-May 2020**

**Team-work project!**

The project is about PTZ (Pan Tilt Zoom) which is used to control the PTZ camera via the RS-485 serial port. It supports several protocols such as Pelco, AD, Bosch, Sony, Panasonic, LG and Canon. To accomplish this task we used a master(8051 microcontroller) and a slave(8051 microcontroller). In the master are connected the buttons for orientation of the camera movement as well as an LCD, where the text is presented depending on which button we press.

- The programming language used:**C**

## HALF-FLASH ADC(3BITS) OR FLASH ADC(4BITS)

**University Project | May-September 2020**

The designed board could be used for both purposes: as a 3-bits Half-Flash ADC or as a 4-bits Flash ADC.
The main purpose of designing such a board has been to understand the basic concepts of PCB design, as well as the working principle of two types of ADC such as Half Flash ADC and Flash ADC.
**Project is made with:** 1- AT89S8253, 4- LM339, 1-TL074, 1- Buffer 74HC245, 1-MAX232N, 1- LM7812, 1- LM7810, 1- LM7805, 1- LM912 as well as other components as resistor, capacitors, LEDs, etc.