

# CURRICULUM VITAE

## PERSONAL INFORMATION

Name, Surname	Lazar, Furtula
Address	Trifka Grabeža 113, 71420 Pale, Bosnia and Herzegovina
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Date of birth	21 April 1996
Place of birth	Pale
Citizenship	BIH



## WORK / VOLUNTEERING EXPERIENCE

### [2019 - ongoing] [CIGRE K BH] – STUDENT MEMBER

CIGRE is a collaborative global community committed to the world's leading knowledge development programme for the creation and sharing of power system expertise. This short video introduces you to this unique, worldwide organisation. <https://youtu.be/HgZE2V-l1NE>

### [2014 –2019] [ EESTEC LC East Sarajevo ] – TEAM COORDINATOR

EESTEC (Electrical Engineering Students European association). The association achieves its aim through improving technical knowledge of EECS students, introducing them to the industry and the educational system of other countries. I was the organizer of the **Mountain Mania project** – an international student exchange.

### [2017 - ongoing] [IEEE- student branch] – CHAIRMAN

The world's largest technical professional organization for the advancement of technology. In this organization I had an opportunity to present myself through various projects. As a participant of workshops and projects organized by this organization, i gained experience in teamwork and team leadership.

### [2017 - ongoing] [Faculty of Electrical Engineering in East Sarajevo]

Initiator of the idea to refurbish labs and machines on the University. The idea of this project was to apply theory in practice and additional education of students.

### [August 2017] [HET Trebinje]

I had the opportunity to see and learn how to control the transmission of the power in the grid, and how generators work.

[August 2018]

[RT RK Banja Luka]

Programming on Linux and Windows operating system using python and C. This company is dealing with programming microcontrollers. I obtained satisfactory programming skills during this course.

## EDUCATION

[2014 – ongoing]

[Faculty of Electrical Engineering University of East Sarajevo]

Fourth year student on Faculty of Electrical Engineering in East Sarajevo - Power Engineering major.. I'm familiar with fundamentals of various machines, e.g. motors (asynchronous, synchronous, DC motors) and transformers. My sphere of interest is power electronics. I gained a lot of practical knowledge in a very well-equipped laboratory.

[2010 – 2014]

[High school „28. Juli“ East Sarajevo]

I attended and successfully finished Electrotechnical School. I was the best student of my school – having many diplomas and awards for the best student in the fields of Mathematics and The basics of Electrotechnics.

## PERSONAL SKILLS

Mother tongue

Bosnian

Other languages

English

German

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken Interaction	Spoken production	
<b>B2</b>	<b>C1</b>	<b>B1</b>	<b>B1</b>	<b>B1</b>
<b>A2</b>	<b>A2</b>	<b>A1</b>	<b>A1</b>	<b>A1</b>

Levels A1/A2: Basic user – B1/B2: Independent user – C1/C2: Proficient User

## Computer skills and competences:

Good familiarity with:

- MATLAB
- C#
- Proteus Design Suite
- Arduino platform
- PIC microcontrollers

Very good familiarity with:

- C
- ATPDraw
- Microsoft Office family
- PLC
- AutoCAD

### Key Qualifications:

- Certificate for successfully completed elementary course in English as a foreign language of 100 lessons - Communicative oral skills B
- Certificate for successfully completed workshop "Smart Technologies". I gained skills related to the technologies of the future, and I was motivated to continue educating myself in field Smart Technologies
- Certificate for successful attending educational-practical seminars for power energy "Dani mladih inženjera"
- Member of all student organizations at Faculty of Electrical Engineering University of East Sarajevo
- Certificate for successfully completed workshop "Electrical installation design", organized by IEEE YP and presented by Dzemailudin Cero, at the International Burch University in Sarajevo
- Certificate for successfully completed workshop "New Automation Technology with BECKHOFF PC control" organized by IEEE YP and myself, presented at the International Burch University in Sarajevo

### ADDITIONAL INFORMATION

- Driving license: B, B1.
- Hobbies: research in the field of electrical engineering, reading, repairing electronic devices

### SUPPLEMENT – PROJECTS

- Measurement of earth resistance;
- Phenomenon in the energy systems due to earth-ground;
- Phase control using PIC microcontrollers;
- Current distribution through parallel short conductors - experimental analysis;
- New Automation Technology with BECKHOFF PC control