



Zorana Mandic

Date of birth: 17/02/1995 | **Gender:** Female | **Phone number:**

(+387) 66174040 (Mobile) | **Email address:** zorana.mandic@etf.ues.rs.ba | **Email**

address: zorman95@gmail.com | **LinkedIn:**

<https://www.linkedin.com/in/zorana-mandic/> |

Whatsapp Messenger: +38766171040 |

Address: Vuka Karadzica 30, 2nd floor, 71123, East Sarajevo, Bosnia and Herzegovina (Work)

About me:

Young woman in engineering, a teaching assistant at University, passionate researcher, wanderlust, and Python enthusiast. Living by the words of Mahatma Gandhi " Learn as if you were to live forever"

● WORK EXPERIENCE

02/02/2019 – 23/04/2019 Bonn, Germany
INTERN DEUTSCHE TELEKOM AG

My first working experience was a position as an intern in Deutsche Telekom Headquarters where I spent almost three months. I was positioned at the DRC (Data Privacy, Legal Affairs, and Compliance) board of management branch where my main responsibilities were to assist the team and my supervisor, create presentations for meetings, and research topics helpful for ongoing projects.

01/02/2020 – CURRENT East Sarajevo, Bosnia and Herzegovina
TEACHING ASSISTANT IN UNIVERSITIES UNIVERSITY OF EAST SARAJEVO, FACULTY OF ELECTRICAL ENGINEERING

After graduating and obtaining a bachelor's degree, I began my academic career as a teaching assistant on courses related to electronics and automation. Main activities include conducting lab work with students, grading papers and exams as well providing practicing sessions for students. Besides the activities of teaching assistant, I am involved in academic research on the Faculty of Electrical Engineering, which yielded in conferences publications and participation.

● EDUCATION AND TRAINING

2014 – 2019 East Sarajevo, Bosnia and Herzegovina
BSC IN ELECTRICAL ENGINEERING University of East Sarajevo, Faculty of Electrical Engineering

Address Vuka Karadzica 30, East Sarajevo, Bosnia and Herzegovina | **Website** <https://www.etf.ues.rs.ba/> |

Field of study Electronics and automation | **Final grade** A | **Level in EQF** EQF level 6 | **Type of credits** ECTS |

Number of credits 240 | **Thesis** Modern computing technologies for Internet of Things

2020 – CURRENT East Sarajevo, Bosnia and Herzegovina
MSC IN ELECTRICAL ENGINEERING University of East Sarajevo, Faculty of Electrical Engineering

Address Vuka Karadzica 30, East Sarajevo, Bosnia and Herzegovina | **Website** <https://www.etf.ues.rs.ba/>

Field of study Python development**LANGUAGE SKILLS**

Mother tongue(s): **SERBIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
GERMAN	A2	A2	A2	A2	A2

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user***DIGITAL SKILLS**

Programming Languages: C, C++, Python, Matlab | HTML5/CSS, Javascript | SQL (MySQL) | SIMATIC STEP7 Professional | VHDL (Quartus II)

ADDITIONAL INFORMATION

PUBLICATIONS[System for monitoring air quality, INFOTEH-JAHORINA Vol. 20, p. 84-87, March 2021](#) – 2021

Industrial temperature control implemented on PLC, WZEE 2021, 13-15 September 2021 – 2021

Air Quality Monitoring Platform in the City of, LXVI ETRAN, June 2022 – 2022

[Potential of Edge Computing PLCs in Industrial Automation, INFOTEH-JAHORINA, 2022](#) – 2022

Platforma za praćenje kvaliteta vazduha u gradu Čačak – 2022

Modularni mehatronički sistemi sa industrijski orijentisanim pristupom – 2022

PROJECTS

2021 – CURRENT

SMARTEL - project member Project SMARTEL aims at improving the process of education through the development of e-learning multimedia platform and smart classroom.

2021 – CURRENT

SUCCESS - project member**HOBBIES AND INTERESTS**

Playing piano

Wanderlust