

## Contact

[www.linkedin.com/in/ivana-gudalo-385333178](https://www.linkedin.com/in/ivana-gudalo-385333178) (LinkedIn)

## Top Skills

C  
VHDL  
Altera Quartus

## Languages

English (Professional Working)  
Spanish (Elementary)  
Serbian (Native or Bilingual)  
German (Elementary)

# Ivana Gudalo

Embedded Software Engineer, Teaching Assistant  
Banja Luka, Serb Republic, Bosnia and Herzegovina

## Summary

Embedded software engineer with experience in software development.

Skilled in C, Python, Embedded systems, Linux, Communication protocols.

Graduated from Faculty of Electrical Engineering in Banja Luka, on department for Electronics.

Currently on Master studies in field of embedded engineering in automotive industry on Faculty of Technical Sciences, University of Novi Sad.

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## Experience

### TTTech Auto

#### Embedded Software Engineer

September 2019 - Present (4 years 5 months)

Banja Luka

- Developing software for embedded systems in field of automotive industry - C programming language and embedded Linux
- Developing software for PCIe protocol in C, based on Linux and Dolphin's SISI API
- Python development of tools used in embedded automotive
- Safety engineer

### Faculty of Electrical Engineering, University of Banja Luka

#### Teaching Assistant

March 2020 - Present (3 years 11 months)

Banja Luka

Teaching in field of electronics - basic principles of electronics, usage of electronics for medical purposes.

### RT-RK

#### Student Intern

May 2018 - September 2019 (1 year 5 months)

Banja Luka

Modeling and simulation of different Computer networking devices and protocols using C++ and OMNeT++.

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## Education

Faculty of Electrical Engineering Banja Luka

Graduated , Electrical and Electronics Engineering · (2013 - 2019)

Faculty of Technical Sciences, University of Novi Sad

Master's degree, Automotive Embedded Engineering · (2020)