Kosta Jovanović

Basic information:

Gender: male

Date of birth: 06.10.1997.

Country: Serbia

Email: kjovanovic1997@gmail.com

Contact: +381 60 5506204

Education:

High school: Gymnasium "Takovski ustanak" in Gornji Milanovac - bilingual class

University: School of Electrical Engineering University of Belgrade

- started in 2016
- **module**: Signals and Systems - currently 4th year of faculty

  GPA: 9.14 / 10.00

Languages:

Native: Serbian language

Other languages:

- English:
  I can speak, write and understand this language completely.
- French:
  It is my second foreign language, I can speak, write and understand it, but not completely.

Summer schools:

- PSI:ML 2019 - Machine learning summer school organized by Petnica and Microsoft.

Projects inside of school:

- Programming a FPGA component using Quartus software. The component adds 2

  8-bit numbers.

- Using Matlab to simulate a 2-arm closed robotic system.

- Writing a program in LabView that simulates an athletic race.

- Programming a fully autonomous smart house in Python. Arduino platform is used
  for communication with hardware.

- Making the Miller's integrator from basic electrical components.

- Using Simulink to simulate a hydraulic press.

Projects outside of school:

- Writing a program in Python for language detection using a bigram model.

- Writing a program in Python for detection and extraction of objects in an image.
Comparing objects on 2 images, finding rotation, translation and scaling of matched
objects.

- Writing a program in Python for counting the lines of rotated text in a distorted
image. I used OpenCV.

- Writing a machine learning program in Python using Keras API for detection of
fake bank notes.

- Writing a machine learning program for emotion classification in Python using
Tensor Flow, program works in a real time on desktop camera.

Competitions and Hackathons:

- ABB robo challenge - the task was to program and industrial robot in ABB
  RobotStudio, that picks objects from a moving convoyer and puts them in a
  warehouse.
- Eestech IoT challenge

Courses outside of school:

- Udemy - Python for Computer Vision with OpenCV and Deep Learning.
- I went through Google ML crash course.
- Coursera - Machine Learning by Stanford University.
- Coursera - Deep Learning Specialization: I have finished first 3 courses of this
  specialization. I will finish last two by the end of October.