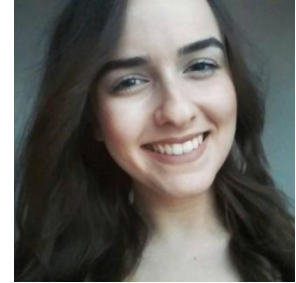


Jelena Dimitrijevic

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EDUCATION

School of Electrical Engineering , University of Belgrade	2014-now
Electrical and Computer Engineering	
High school "Svetozar Markovic" , Jagodina	2010-2014

WORKING EXPERIENCE

Finished internship

- **Mikroelektronika – Weather station**
Weather Click and G2C(Go to Cloud) click are connected with ARM Development Board, and STM32 microcontroller. Weather Click is collecting information about humidity, temperature, and pressure in his area, and in combination with G2C click it is continuously sending his data on Click Cloud.

Small faculty projects

- **Smart home** with Arduino (ultrasonic sensor for distance measurement with buzzer, temperature sensor, smart lighting with phototransistor based on daylight, smart lock with alarm and password)
- **Energy self-sustaining house** designed and simulated in the program RETScreen Expert
- **Measuring time during an athletic race** with National Instruments Microcontroller
- **Parasitic hexagonal patch antenna** – design and simulation in the program WIPL-D
- **Miller integrator** (wxMaxima – mathematical calculation, LTspice – Design and Simulation, Creating and Testing on oscilloscope)

LANGUAGES

- **Serbian** (native language)
- **English** (speaking - high, reading - high, writing - medium)
- **French** (speaking - low, reading - low, writing - low)

AREA OF INTEREST

- **Mechatronics**
- **Embeded systems**
- **Microelectronics and Nanoelectronics**

KNOWLEDGE

- **Programming languages:** Pascal, C, C++, Python
- **Tools:** Arduino IDE, Visual Studio, LabView, LTspice, wxMaxima, WIPL-D, RETScreen, PCB Artist, MatLab, Simplicity Studio, Electric VLSI Design System

PERSONAL CHARACTERISTICS

- **Hard working**
- **Persistent**
- **Resourceful**
- **Eager to learn**