

PERSONAL INFORMATION

Jovan Djurkovic



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Sex Male | Date of birth 14/07/1994 | Nationality Montenegin

WORK EXPERIENCE

February 2020 - Current

Research Development Engineer

[MECOnet](#), Podgorica, Montenegro

- Designing hardware and software solutions for electronics devices and making prototypes
- Testing electronics devices and equipment and improving their characteristics
- Working with different microcontrollers based on ATMEGA, ATTINY, ESP32, STM32, nRF52 and others
- Creating and maintaining company's websites on different platforms, including WordPress and Open Journal Systems
- Taking technical part in organizing annual [MECO Conference](#) and CPS&IoT Summer School
- Managing [WIPIEC](#) Journal (Works in Progress in Embedded Computing)
- Working on European Union projects SMART4ALL, VIRAL and ELEMEND

Development sector

EDUCATION AND TRAINING

2019-2020

Electronics specialist

University of Montenegro

- Electronics

2013-2019

BSc. of Electronics, Telecommunications and Computer Science

University of Montenegro

- Electronics, Telecommunications and Computer Science

2009-2013

High School of Electrical Engineering "Vaso Aligrudić" in Podgorica

- Computer Science

PERSONAL SKILLS

Mother tongue(s)

Serbian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1/2	B1/2	B1/2	B1/2	B1/2
Russian	A1/2	A1/2	A1/2	A1/2	A1/2
German	A1/2	A1/2	A1/2	A1/2	A1/2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

- Communication skills** Good communication skills gained through my experience in working with people from many countries who I've met in MECO conferences, CPS&IoT Summer Schools and international project meetings. These activities required constant communication with people which strengthened my ability to understand English language in wide variety of foreign accents.
- Organisational / managerial skills**
- Good organization skills gained through taking part in organizing complex events such as MECO Conference and CPS&IoT Summer Schools
  - Leadership (teaching interns and following closely their development)
- Job-related skills**
- Great experience with electronics lab instruments and tools, gained through everyday work
  - Good knowledge of audio and video equipment (microphones, cameras, speakers, mixers, amplifiers), gained through making conference systems and testing different setups
- Computer skills**
- 3D design software Rhino 7 and Creality Slicer, used for 3D printing housings and supporting elements for prototypes of electronic devices
  - KiCAD EDA – Schematic Capture & PCB Design Software, used for designing PCB circuits used in prototypes
  - Software development environments: Matlab, Arduino, STM32CubeMX, NI LabVIEW, Quartus
  - Programming languages: C/C++/C#, Matlab, Java, VHDL
  - Great experience with Microsoft Office™ tools (Word, Excel, PowerPoint and Visio) gained through writing papers and managing archives, converting between different formats including PDF
  - PDF editing software Adobe Acrobat Pro and Nitro Pro PDF Editor, mastered through preparing the [Proceedings](#) of the 4<sup>th</sup> Summer School on Cyber Physical Systems and Internet of Things (SS-CPS&IoT'2023)
  - Adobe tools (Photoshop, Illustrator, Premiere Pro), used for company's websites visual profile and designing of promotional material
- Other skills**
- Making various repairs by myself
  - Orchard managing in my homestead
- Driving licence**
- B

## ADDITIONAL INFORMATION

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- Publications**
- J. Đurković, R. Stojanović, B. Cico, "An Experimental Platform for Fall Detection Using Beacon, Node MCU and MATLAB", WiPIEC Journal Vol. 9 No. 2, 2023.
- Radovan Stojanović, Jovan Djurković, Slaviša Mijušković, Budimir Lutovac, Anđej Škraba, 2023. SYNTROFOS: A Wearable Device for Vital Sign Monitoring, Hardware and Signal Processing Aspects. (12<sup>th</sup> Mediterranean Conference on Embedded Computing (MECO), Budva, Montenegro, June-2023).
- Radovan Stojanović, Anđej Škraba, Jovan Đurković, Budimir Lutovac, 2022. Off-the-Shelf Solution for Measurement and Calculation of Respiration and Heart Rates for COVID-19 Diagnosis and Monitoring. (11<sup>th</sup> Mediterranean Conference on Embedded Computing (MECO), Budva, Montenegro, June-2022).
- Jovan Đurković, Radovan Stojanovic, 2021. Telemetry IoT station for purpose of precise agriculture.
- Radovan Stojanovic, Vesna Maraš, Sanja Šučur Radonjić, Anita Martić, Jovan Đurković, Katarina Pavicevic, Vasilije Mirovic, Miljan Cvetkovic, 2021. A Feasible IoT-Based System for Precision Agriculture. (10<sup>th</sup> Mediterranean Conference on Embedded Computing (MECO), Budva, Montenegro, June-2021).