

PERSONAL INFORMATION

Jovan Djurkovic

 jojan@meconet.me

Sex Male | Date of birth 14/07/1994

WORK EXPERIENCE

February 2020 - Current **HW-SW Designer and Researcher**DOO 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
- Technical and research editor of Proceedings of the conferences "2025 14th Mediterranean Conference on Embedded Computing (MECO)", "2024 13th Mediterranean Conference on Embedded Computing (MECO)"; Proceedings of 4th and 5th Summer School on Cyber Physical Systems and Internet of Things (SS-CPS&IoT'2023 and SS-CPS&IoT'2024)
- Handling editor of the WPIEC Journal (Works in Progress in Embedded Computing)
- Participating or have participated on projects: IPA-ADRION00107- ARTificial intelligence platform to prevent Climate change natural hazArds – ARCA, SMART4ALL - Self-sustained customized cyberphysical system experiments for capacity building among European stakeholders - Horizon2020 (Grant Agreement No. 872614), ELEMEND – 585681-EPP-1-2017-1-EL-EPPKA2-CBHE-JP, ERASMUS+ (Electrical Energy Markets and Engineering Education), VIRAL – VITALISING ICT RELEVANCE IN AGRICULTURAL LEARNING, 609755-EPP-1-2019-1-BA-EPPKA2-CBHE-JP, TECA – Caravan of Technological Enterprises, HIGHTECH.ME – Montenegrin Portal of High Technological Enterprise.

2019-2020 **Associate in technical services**NGO MANT, Podgorica, Montenegro

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	<ul style="list-style-type: none">Good organization skills gained through taking part in organizing complex events such as MECO Conference and CPS&IoT Summer SchoolsLeadership (teaching interns and following closely their development)
Job-related skills	<ul style="list-style-type: none">Experience in designing medical devices and other innovative products and prototypes in MECOnet company – https://meconet.me/products/Great experience with electronics lab instruments and tools, gained through everyday workGood knowledge of audio and video equipment (microphones, cameras, speakers, mixers, amplifiers), gained through making conference systems and testing different setups
Computer skills	<ul style="list-style-type: none">3D design software Rhino 7 and Creality Slicer, used for 3D printing housings and supporting elements for prototypes of electronic devicesKiCAD EDA – Schematic Capture & PCB Design Software, used for designing PCB circuits for products prototypesSoftware development environments: Matlab, Arduino IDE, STM32CubeMX, NI LabVIEW, QuartusProgramming languages: C/C++/C#, Matlab, Java, VHDLGreat experience with Microsoft Office™ tools (Word, Excel, PowerPoint and Visio) gained through writing papers and managing archives, converting between different formats including PDFPDF editing software Adobe Acrobat Pro and Nitro Pro PDF Editor, mastered through preparing the <u>Proceedings</u> of the 2024 13th Mediterranean Conference on Embedded Computing (MECO), 4th and 5th Summer School on Cyber Physical Systems and Internet of Things (SS-CPS&IoT2023 and SS-CPS&IoT2024)Adobe tools (Photoshop, Illustrator, Premiere Pro), used for company's websites visual profile and designing of promotional material
Other skills	<ul style="list-style-type: none">Making various repairs by myself, including non-ICT.Orchard managing in my homestead.I love playing: Chess, Billiards, Badminton...
Driving licence	<ul style="list-style-type: none">Categories: AM, B1, B

ADDITIONAL INFORMATION

Publications

- R. Stojanović, J. Đurković, Medical Data Over Sound for Vital Signs Monitoring; 2025 28th Euromicro Conference on Digital System Design (DSD)
- J. Đurković, R. Stojanović, A. Škraba, M. Vukmirović, B. Babić and V. Miranović, "Cardiac Rhythm Monitoring with ChatGPT Integration," 2025 14th Mediterranean Conference on Embedded Computing (MECO), Budva, Montenegro, 2025, pp. 1-4, doi: 10.1109/MECO66322.2025.11049165.
- R. Stojanović, J. Đurković, M. Vukmirović, B. Babić and V. Miranović, "Medical Data Over Sound - HealthTalk Concept," 2025 14th Mediterranean Conference on Embedded Computing (MECO), Budva, Montenegro, 2025, pp. 1-5, doi: 10.1109/MECO66322.2025.11049300.
- R. Stojanovic, J. Đurković, B. Babić, V. N. Ivanovic, B. Lutovac, M. Stork, "A Toolset for Blood Pressure Visualization and Measurement in Time, Frequency and Time-Frequency Domains", 13th Mediterranean Conference on Embedded Computing (MECO), Budva, Montenegro, June-2024.
- R. Stojanovic, J. Đurković, A. Škraba, "ECG and PPG Signals Monitoring by Using Web Audio API", 13th Mediterranean Conference on Embedded Computing (MECO), Budva, Montenegro, June-2024.
- 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, Andej Škraba, 2023. SYNTROFOS: A Wearable Device for Vital Sign Monitoring, Hardware and Signal Processing Aspects. (12th Mediterranean Conference on Embedded Computing (MECO), Budva, Montenegro, June-2023).
- Radovan Stojanović, Andrej 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. (11th 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 Šućur Radonjić, Anita Martić, Jovan Đurković, Katarina Pavicevic, Vasilije Mirović, Miljan Cvetkovic, 2021. A Feasible IoT-Based System for Precision Agriculture. (10th Mediterranean Conference on Embedded Computing (MECO), Budva, Montenegro, June-2021).

