

April 2016.

CURRICULUM VITAE

PERSONAL INFORMATION:

Name: Marjan Miletić

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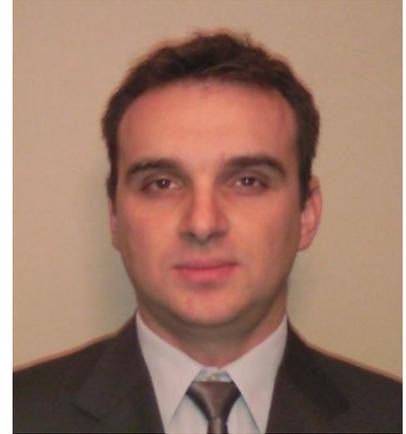
Phone: +381606781233

E-mail: marjanmil@yahoo.com

Sex: Male

Date of Birth: April 21st, 1983.

Place of Birth: Zaječar, Serbia



EDUCATION:

- **2014-present: Ph.D. student at University of Belgrade, Belgrade, Serbia, Department for Biomedical Engineering and Technologies**
- **2002 – 2013: Faculty of Electrical Engineering, University of Belgrade, Belgrade, Serbia, Department for Optoelectronics and Laser Engineering, average mark 9.70 (max 10). 5 years studying program (10 semesters)**
- **1998 – 2002: Mathematical High School, Belgrade, Serbia-** main subjects: Analysis and Algebra, Geometrics, Linear Algebra, Probability, Numerical Mathematics, Physics, Pascal, C, Prolog, Assembler, Databases Systems

LANGUAGES:

- **English-** very good level of knowledge (reading, writing, and speaking); 13 years of learning in elementary school, high school and during the studies

AWARDS:

- **5 second prizes and 3 third prizes** at Republic (Serbia) and Federal (Serbia and Montenegro) competitions in Physics in high school

WORKING EXPERIENCE:

- February 2016 – present: Research Associate; July 2014 – February 2016: Research Student: **Vinča Institute of Nuclear Sciences, Department of Atomic Physics, Vinča**, working on research projects for development of medical devices and diagnostic methods with fiber-optic sensors in the area of pulmonary medicine and cardiology.
- August 2009- June 2011: **NewCardio, USA, Serbian department, Belgrade-** Consultant, Working as software algorithm developer for my3KGTM softver, the ischemia diagnostic software based on measured ECG ; working as software

algorithm developer for CardioBip™ device, device for measuring ECGs and wireless transmitting data ; doing ECG signals processing in MatLab and C++.

- April 2008- October 2012: **MDM Market, Boljevac, Serbia**– Working as trade manager in family trade company specialized for trading with foods, agricultural equipment and bearings.
- October 2006: **Nuclear power plant ‘Krsko’, Slovenia**- The visitation to nuclear power plant ‘Krsko’- Slovenia
- July-August 2006: **Syronics company, Syria**- Working as an engineer assistant in National Syrian TV factory.
- 2001- 2002: **Petnica Science Center, Valjevo, Serbia** – As a high school student, was an attendant at course of Applied Physics and Electronics; wrote a paper " Feedback Control of a DC Motor " which was published in Collection of Papers of Petnica Science Center

SCHOLARSHIPS:

- July-August 2008: **Traveling to Europe programme** - The one month scholarship programme for traveling Europe with interrail pass card for the best 200 students in Serbia. The programme was realized by 'European Movement' in Serbia, Austrian embassy in Serbia and 'Robert Bosch foundation' in Germany. During the programme visited Austrian Ministry of Foreign Affairs in Vienna and German Ministry of Foreign Affairs in Berlin, in which was organized cocktail with a presence of Austrian and German Minister of Foreign Affairs, consequently.
- 2007: **EFG Bank Serbia**- The one year scholarship for the best 100 students in Serbia
- 2003- 2008: **Republic Foundation for Development of Scientific and Art Youth**
- 2006-2008: **Studenica Foundation**– Scholarship from American Serbs Organization from USA

FIELDS OF INTEREST:

- **Image Processing** - very good knowledge of the techniques and methods of image processing in MATLAB. Graduated on thesis "**Detection and recognition of traffic signs in a digital image**" on the subject The Systems for Processing Digital Images, with mentor Dr. Irini Reljin and get the mark 10.
- **Signal Processing** - very good knowledge of the techniques and methods of signal processing in MATLAB, especially in the area of medical ECG signal. He gained significant experience in the processing of the ECG signal in Matlab and partly in C/C++, working in the NewCardio company.
- **Embedded systems** - gained significant experience in working with ARM 32-bit microcontrollers. Developed the **Device for ultrasonic distance measuring in the air**, on the subject Embedded Systems, which is based on the MBED development board, which contains an **ARM Cortex M3 LPC1768 32-bit microcontroller**.

MBED is programmed in the MBED online compiler based on C/C++ programming language.

- **Biomedical Sensors, Signal processing, Image processing, Optoelectronics.**

COMPUTER SKILLS:

- Programming Languages: **MatLab, C, C++, Pascal, Assembler, SQL, Basic, Octave**
- Operating Systems: **Windows Vista, Windows XP, Windows 2007, Windows 8.1, DOS**
- Computer Software: **MBED online compiler, Protel, Mathematica Orcad, Corel Draw, Microsoft Office**

OTHER ACTIVITIES:

- 2015: Member of Organizing committee of The fifth International School and Conference on Photonics – PHOTONICA 2015, Belgrade, Serbia
- 1994 -2000: Former member of basketball club ' Rtanj' – Boljevac