Milan Vićentijević

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WORKING EXPERIENCE

- 2017. Started working as Expert Accosiate at Ruđer Bošković Institute
- 2016. Master's thesis research at The Institute of Physics Belgrade, University of Belgrade
- 2015. Internship at calibration laboratory at "JAT Tehnika", Belgrade, an aircraft maintenance MRO centre

EDUCATION

- 2016. Master's Degree in Nanoelectronics and Photonics at Electrical Engineering School, University of Belgrade with thesis: "Modification of 2D Material Exfoliation Methods and Fabrication of Van der Waals Heterostructures"
    - Courses: Nanospintronics and Nanomagnetism, Microelectronic Devices Modelling, Design of Nanoelectronic Quantum Structures, Spintronics , Analog Integrated Circuits
- 2011-2015. Bachelor's Degree in Electrical Engineering; Nanoelectronics, Optoelectronics and Laser Tehnique module at Electrical Engineering School, University of Belgrade
    - Relevant courses: Elements of Electronics, Signals and Systems, Elements of Electronic Devices, Physical-Technical Measurements, Sensors and Actuators, Microelectronic Circuits, Microcontroller System Design, Fiber Optic Sensors, Optoelectronic and Laser Measurement Systems
- 2009-2011. International Baccalaureate diploma at Katedralskolan Lund, Sweden. Taking high level courses in mathematics, physics and chemistry
- 2006-2009. Three years at Third Belgrade Gymnasium
- 1998-2006. Vlada Aksentijević elementary school and Duško Radović elementary school

COMPUTER AND RELEVANT ENGINEERING SKILLS

- Experience on graphene and hBN exfoliation and Van der Waals heterostructures fabrication
- Wolfram Mathematica
- Matlab
- LabVIEW, basic skills
- ElectricCAD, moderate skills
- Comsol multiphysics, basic skills
- LT Spice
- Insight in ARM computer architecture
- Cadence, basic skills

- Projects:
    - 3OR CMOS Gate circuit in ElectricCAD
    - Light intensity sensor using Digilent X-Board with Xilinx CoolRunner CPLD
    - CAN Logger using NXP Cortex M3 microcontroller
    - Parameter extraction and modelling of NMOS transistor

LANGUAGES AND OTHER SKILLS

- Fluent in English language
- Moderate knowledge of Russian and Swedish
- B driving licence