



Sava Grković

Adress: Đorđa Vajferta 43, Belgrade
Date of birth: 15.02.1989.
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• Education

School of Electrical Engineering, University of Belgrade **june 2013 - present**

Master's degree studies,
Department of Microwave Engineering
GPA: 9.00

Expected date of graduation: january 2014.

School of Electrical Engineering, University of Belgrade **sep. 2008 - june 2013**

Bachelor's degree studies,
Department of Telecommunication and Information Technology, Microwave Engineering
GPA: 7.84

Date of graduation: 04. june 2013.

Mathematical Grammar School, Belgrade **sep. 2004 - june 2008**

School for gifted students

• Computer literacy

Technology: C, Pascal, Delphi, Fortran

Software: Ansoft HFSS, Matlab, WIPL-D Pro, WIPL-D Microwave, AWR Microwave Office, PSpice, Zeland IE3D, AWAS, LINPAR, LabVIEW, Microsoft Office.

• Language skills

English:

speaking: **advanced**

writing: **advanced**

reading: **advanced**

• Extracurricular activities

Two scientific papers on the 21st TELFOR *Conference* and paper in magazine TEHNIKA,
Volunteer work in: Electrical Engineering Students European Association (EESTEC),
Local committee Belgrade

• Personal characteristics

communicative, well organized, oriented for team work, attention to details, commitment to accuracy, ready to adapt in any work conditions, very persistent.

• Interests and hobbies

microwave electronics, millimeter waves, wireless technologies, mobile phones and computers, modeling and design of electronic equipment, reading articles of new technologies, jogging, aircraft modeling, football.

- **Projects**

- 1. Balanced Small Dipole Antennas for 2.4 GHz Bluetooth low energy and Proprietary SoC**
2013
Master Diploma Project
Tools: WIPL-D 3D EM Solver, AWR Microwave Office, Altium Designer
- 2. 3D EM Modeling of Microwave Quasi-lumped Multilayer Filter with WIPL-D software**
May 2013
Bachelor Diploma Project
Tools: WIPL-D 3D EM Solver, Zeland IE3D, AWR Microwave Office
- 3. Small Balanced Antennas for Bluetooth Applications**
September 2013
TELFOR Conference
Tools: WIPL-D 3D EM Solver, Altium Designer, AWR Microwave Office
- 4. WIPL-D Modeling of Multilayer Filter with the Interdigital Feeders**
June 2013
TELFOR Conference, TEHNIKA Magazine
Tools: WIPL-D 3D EM Solver, Zeland IE3D, AWR Microwave Office
- 5. Narrowband amplifier with bipolar transistor at 2.4-2.495 GHz in microstrip technology**
December 2012
Project in course Microwave electronics
Tools: AWR Microwave Office, Altium Designer
- 6. Dual-Mode Open-Loop Filters in microstrip technology**
January 2013
Project in course Microwave Filters
Tools: WIPL-D 3D EM Solver
- 7. Oscillator with bipolar transistor at 1 GHz**
April 2013
Project in course Millimeter Waves
Tools: AWR Microwave Office
- 8. Modeling of 3-D Multiport Waveguide Structures With Arbitrary Discontinuities**
April 2013
Project in course Millimeter Waves
Tools: Ansoft HFSS
- 9. Hybrid ring in microstrip technology**
December 2012
Project in course Microwave passive circuits
Tools: AWR Microwave Office, Altium Designer, WIPL-D Microwave
- 10. Cognitive Radio**
February 2013
Project in course Principles of Modern Telecommunications
- 11. Future of LTE Systems**
February 2013
Project in course Principles of Modern Telecommunications
- 12. Design of Radio-reley Links**
November 2011
Project in course Directed Radio Links
- 13. Stereo Audio Amplifier with Integrated Combination of VU-Meter, Light Show and Remote Control (2 x 10 W)**
2004
First place on Republic Competition of Young Talents in Electronics
- 14. Device for Precise Measurement of Gravitation**
2003
First place on Republic Competition of Young Talents in Electronics