Personal Information :

First & Last Name	**Kerim Obarčanin**

Work Experience

March 2015.- now

Sarajevo School of Science and Technology
Associate lecturer

Courses: EE440 Multimedia Electronics and EE210 Digital Signal Processing
More info about the University at: www.ssst.edu.ba

February 2012 - now

DV Power Sweden
Manager of the Software Engineering Department

My role as a Manager of Software Engineering Dept. is to manage my team to design, implement and constantly improve software products for computer - measurement device communication, acquisition and results analysis for broad range of DV Power test equipment. More info about company at www.dv-power.com

April 2010. – February 2012.

DV Power Sweden / KV Team d.o.o.
Software Engineer

IBEKO POWER AB Sweden, develops and manufactures new generation test and measurement equipment under the trademark DV Power. My role as a Software Engineer was to design and implement software for PC - measurement device communication, acquisition and results analysis for circuit breaker testing devices family.

September. – November 2009.

New Technology d.o.o.
Maintenance engineer

Main responsibilities at this position were installation and maintenance of the medical equipment and education of the personnel which will use the equipment. More info about the company at www.newtechnologyba.com

August 2008

BH Telecom
Student internship

Education

2016. - now	University of Sarajevo, Faculty of Electrical Engineering Sarajevo, Automatic Control and Electronics Department – PhD Degree
2010. - 2015.	University of Sarajevo, Faculty of Electrical Engineering Sarajevo, Automatic Control and Electronics Department – Magister Degree
2004. - 2010.	University of Sarajevo, Faculty of Electrical Engineering Sarajevo, Automatic Control and Electronics Department – Engineer Degree
2000. - 2004.	High School, MSŠ, "Enver Pozderović", Goražde, Bosnia and Herzegovina
1992. - 2000.	Elementary school " Husein ef. Đozo", Goražde, Bosnia and Herzegovina

Language

Mother tongue	Bosnian

Other language

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	Excellent	Excellent	Excellent	Excellent	Excellent

Honours & Awards
2004.
2005.

"Most diligent student for school year 2004/2005", Faculty of Electrical Engineering Sarajevo
"Most diligent student for school year 2005//2006", Faculty of Electrical Engineering Sarajevo

Organizations & Membership

IEEE Member – since 2004.
IEEE Power & Energy Society
IEEE Instrumentation & Measurement Society

Additional information

No criminal record

Publications:

- A.Secic, **K.Obarcanin**, „Power Circuit Breaker Condition Assessment based on Vibration Fingerprint Measurement: Why it can save Your day", NETA World Journal, Fall 2017
- **K.Obarcanin**,R.Ostojic,S.Dzuzdanovic, "Parameters for Condition Assessment of the High Voltage Circuit Breakers Arcing Contacts using Dynamic Resistance Measurement", 40th International Convention MIPRO 2017, Opatija, Croatia
- **K.Obarcanin**, R.Ostojic, "Linear Motion Calculation of the High Voltage Circuit Breaker Contacts using Rotary Motion Measurement with Nonlinear Transfer Function", 39th International Convention MIPRO 2016, Opatija, Croatia
- **K.Obarcanin**, S.Dzuzdanovic, "The Software Solution for the Presentation and Analysis of the High Voltage Circuit Brekaer Timing Measurement Results", Infoteh 2016, Jahorina, Bosnia and Herzegovina
- **K.Obarcanin**, A.Secic, N.Hadzimejlic, "Design and Development of the Software Solution for Analysis and Acquisition of the High Voltage Circuit Breakers Dynamic Resistance Measurement Results", 38th International Convention MIPRO 2015, Opatija, Croatia
- **K.Obarcanin**, "Mathematical model and simulation of mechanical ventilator with remote control & acquisition feature using TCP/IP protocol", National Instruments, NI Days 2012, Zagreb
- J.Velagic, **K.Obarcanin**, E.Kapetanovic, S.Huseinbegovic, N.Osmic, "Design of PLC-based PI Controller for the Permanent Magnet DC Motor under Real Constraints and Distrubances", ICAT 2009, Sarajevo