
Curriculum Vitae

Mikuláš Praščák

Personal Details

Gender	• Male
Date of birth	• 28th of August, 1980
Place of birth	• Kráľovský Chlmec, Slovakia
Present citizenship	• Slovak Republic
Nationality	• Hungarian
Marital status	• Single

Education

University 1998 – 2003	• Department of Radiophysics, Faculty of Mathematics, Physics and Informatics, Comenius University Bratislava, Slovakia • Focus on: Physical Electronics, Radiophysics • Degree: Mgr. (equiv. MSc.)
University 2003 – 2005	• Department of Radioelectronics, Faculty of Electrical Engineering and Information Technology, Slovak University of Technology, Slovakia • Focus on: Bioelectronics, Digital Signal Processing • Degree: Ing. (equiv. MSc.)
University 2003 – present	• PhD student at the Department of Experimental Physics, Faculty of Mathematics, Physics and Informatics, Comenius University, Bratislava • Research in the field of Signal Processing and evaluation of magnetization noise.
2005	• Certified Programmer of Texas Instruments Digital Signal Processors
2005	• Degree RNDr. (Rerum Naturae Doctor) in Physics, Thesis: Barkhausen Noise

Experience

2001 – 2002	• Institute of Electrical Engineering, Slovak Academy of Sciences, Department of Cryoelectronics. Fellowship within research project on noncontact measurement of characteristics of hightemperature superconductors (using microwave EM field).
2003 – present	• Teaching Experience: Courses in the field of Electromagnetism, Principles Of Computers, Programming In Java For Physicist at Comenius University. Also involved in organizing the Slovak national round of the International Young Physicist Tournament.

Skills

Programming	• excellent computer-related skills and wide practical experience on analog, digital electronics and mechanical engineering • C, C++, Java, bash, PHP, Matlab, assembler for Microchip PIC and Motorola HC11, assembler for DSP.
Operating systems	• UNIX, Linux, Windows 95, 98, 2000, XP
Simulation environments	• Matlab, APLAC, MathCAD, CircuitMaker, PSPICE
Design systems(CAD)	• Eagle, OrCAD
Languages	• English - technical included, Slovak(native), Czech, Hungarian(native)