CURRICULUM VITAE
Adrian Samociuk, M.Eng.

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Areas of expertise:

- Altium Designer
- Signal Integrity
- C/C++
- Eclipse-based IDE
- Real-time systems
- Matlab
- Version Control Systems (SVN, GIT)

Personal summary:

Electronic engineer by profession and passion. Strong technical background from the best technical university in Poland. Experience from projects on Erasmus student exchange allows to work efficiently in the international environment. Knowledge and ability to fulfill requirements confirmed by successfully finished projects (presented on the portfolio website). "Can Do" attitude and eager to learn new skills.

Education:

10.2013 – 03.2015   Master's degree studies   5

University: Warsaw University of Technology
Faculty: Electronics and Information Technology
Specialization: Micro-systems and Electronic Systems

MSc Thesis:

„Real-time measurement system with network interface utilizing asymmetric,2-core processors of LPC4300 series" (device PCB and software) with Krzysztof Poźniak, Ph.D., DSc. and Grzegorz Kasprowicz, Ph.D. as supervisors.

01.2013 – 06.2013   International Studies – LPP-ERASMUS   Courses:

University: Chalmers University of Technology   – Real-time systems
Specialization: Embedded Electronic System Design   – Embedded control
                                                                   systems
                                                                 – Remote sensing

10.2006 – 03.2012   Bachelor's degree studies

University: Warsaw University of Technology
Faculty: Electronics and Information Technology
Specialization: Electronics and Computer Engineering

<u>BSc Thesis:</u>

„Intelligent BLDC servo motor controller with high-level commands" (device PCB and software) with Krzysztof Poźniak, Ph.D., DSc. and Grzegorz Kasprowicz, Ph.D. as supervisors.

Work experience:

05.2012 – 12.2012

Work in Embedded software department – Impact Clean Power Technology S.A.

Responsibilities:
- test and compare new Integrated Circuits for future use in the Battery Management System devices,
- diagnosis and repair of the damaged prototype boards,
- prepare software for the electric and hybrid car display (PLC),
- test and calibrate finished product with NI PXI verification system

03.2011 – 05.2011

Internship in R&D department – JM-Tronik Sp. z o.o.

Responsibilities:
- design and construction of a test stands and equipment for the electrical energy meters,
- diagnosis and repair of damaged prototype boards,
- test and calibration,
- changes in schematics for a new projects,
- implementation of a new features

Skills:

- knowledge of Altium Designer, LabView, MATLAB, VisiLogic software

- knowledge of EMC and Signal Integrity issues

- Electrical license E1 to operate an equipment, systems and networks with a voltage of less than 1kV (by Polish Electricians Association)

- programming languages: C, C++, VHDL, Python, ladder

- knowledge of interfaces CAN, UART, SPI, I2C

- experience with TI, STM32, NXP microcontrollers (Cortex M4, M3 and M0)

- STMicroelectronics certificate of programming ARM Cortex-M3 microcontrollers

- knowledge of version control systems (e.g. SVN, GIT) and project tracking/management software (JIRA)

- experience in operating systems (Linux, Windows)

- experience in office and documentation programs (e.g. LaTeX, MS Office, OpenOffice)

- ability to work in a team as well as individually

- ability to think analytically and make decisions

- cat. B drivers license, clean driving record

- languages:

Polish	-	native
English	-	advanced
Russian	-	basic
German	-	basic

Personal advantages:

- punctuality
- perseverance
- calm disposition
- strong involvement
- desire to develop

- flexibility
- accuracy
- reliability
- hard working
- honesty

Interests:

- Repairing electronic devices as a hobby (soldering, parts replacement)
- Construction of remotely operated vehicles
- Cooking for family and friends
- Sports (gym, formerly judo, capoeira)
- Fantasy literature