

CURRICULUM VITAE

Adrian Samociuk, M.Sc.

Contact address: Kalendervägen 71 Łąkowa 2
415 11 Göteborg 21-500 Biała Podlaska
Sweden Poland

Email: asamociuk@gmail.com

Website (project portfolio): asamociuk.github.io
 linkedin.com/in/adriansamociuk

Mobile: +46 (0)728 431 902 (Sweden)
 +48 507 789 306 (Poland)

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 team. "Can Do" attitude and eager to learn new skills. Knowledge and ability to fulfill requirements confirmed by successfully finished projects. For more details please visit my portfolio webpage.

Education:

Oct. 2013 – Mar. 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 Kasprówicz, Ph.D. as supervisors.

Jan. 2013 – Jun. 2013 International exchange Studies – LPP-ERASMUS

University: Chalmers University of Technology
Specialization: Embedded Electronic System Design

Courses: – Real-time systems (EDA222)
 – Embedded control systems (SSY190)
 – Remote sensing (RRY055)

Oct. 2006 – Mar. 2012

Bachelor's degree studies

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

BSc Thesis:

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

Work experience:

May 2012 – Dec. 2012

Responsibilities:

Impact Clean Power
Technology S.A.
Electronic Engineer
Assistant in Embedded
Software Department

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

Mar. 2011 – May 2011

Responsibilities:

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

- 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 and implementation of a new features in cooperation with other engineers

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
- Experience with Texas Instruments, STM32, NXP microcontrollers (Cortex M4, M3 and M0) and their interfaces,
- Market Solutions knowledge by Freescale seminars
- STMicroelectronics certificate of programming ARM Cortex-M3 microcontrollers

- Knowledge of version control systems (e.g. SVN, GIT) and project tracking/management software (JIRA)
 - Proficiency in operating systems (Linux, Windows)
 - Experience with office and documentation programs (e.g. LaTeX, MS Office, OpenOffice)
 - Ability to think analytically and make decisions
 - Cat. B drivers license, clean driving record
 - Languages:

Polish	-	native
English	-	advanced
Russian	-	basic
German	-	basic
Swedish	-	beginner (in progress)
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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
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References:

- Grzegorz Kasprowicz, Ph.D.
CEO / R&D manager, Creotech Instruments S.A.

E-mail: grzegorz.kasprowicz@creotech.pl
Mobile: +48 601 757 073
- Paweł Irzmański
Embedded Software Department Manager, Impact Clean Power Technology S.A.

E-mail: pawel.irzmanski@imotive.pl
Mobile: +48 604 904 511