



## CURRICULUM VITAE

### Adrian Samociuk, M.Eng.

Contact address: Kalendervägen 71  
415 11 Göteborg  
Sweden  
Email: [asamociuk@gmail.com](mailto:asamociuk@gmail.com)  
Website: [asamociuk.github.io](https://asamociuk.github.io)  
Mobile: +48 507 789 306 (Poland)  
+46 (Sweden)

---

#### Education:

10.2013 – 03.2015      Master's degree studies  
University:      Warsaw University of Technology, The Faculty of 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 Pożniak, Ph.D., DSc. and Grzegorz Kasprówicz, Ph.D. as supervisors.

01.2013 – 06.2013      International exchange Studies – LPP-ERASMUS  
University:      Chalmers University of Technology, Gothenburg, Sweden  
Specialization:      Embedded Electronic System Design

10.2006 – 03.2012      Bachelor's degree studies  
University:      Warsaw University of Technology, The Faculty of 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 Kasprówicz, 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      Work 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, implement a new features

---

## **Skills:**

- languages:
  - Polish - native
  - English - advanced
  - Russian - basic
  - German - basic
- 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)
- 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 for over 9 years

---

## **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
  - Sports (gym, formerly judo, capoeira)
  - Fantasy literature
-