

ŁUKASZ SKALSKI

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OBJECTIVE

Designer/programmer electronics engineer or a low-level programmer of embedded systems working in a company enabling continuous professional development.

PROFESSIONAL EXPERIENCE

- Time period: 01.2014 - present
Company name: **Samsung R&D Institute Poland**
Position: **Software Engineer / Senior Software Engineer**
Responsibilities: - Operating System Development,
- Linux System Programming,
- Open Source contributions,
- Time period: 07.2013 - 01.2014
Company name: **Łukasz Skalski Technologie**
Position: **CEO & Founder / Software Engineer**
Responsibilities: IT Contractor at Samsung R&D Institute Poland
- Time period: 12.2012 - 05.2014
Company name: **Wydawnictwo BTC - mikrokontroler.pl**
Position: **Author**
Project site: <http://www.lukasz-skalski.com/portfolio/mikrokontroler-pl-articles>
- Time period: 05.2012 - 05.2013
Company name: **NoMachine / Comperio**
Position: **Software Engineer**
Responsibilities: - Porting NX software to embedded systems,
- Software development,
- Time period: 01.2009 - 05.2013
Company name: **Freelancer**
Position: **Electronics Programmer/Designer**
Responsibilities: Designing and constructing embedded systems based on 8-/16- and 32-bit microcontrollers for companies as well as individual customers
- Time period: 09.2011 - 12.2011
Company name: **Wydawnictwo BTC**
Position: **Author**
Responsibilities: „Linux. Podstawy i aplikacje dla systemów embedded”, Skalski Ł., Wydawnictwo BTC, Warszawa 2012, ISBN: 978-83-60233-85-6
- Time period: 07.2011 - 08.2011
Company name: **radioNAV Gdansk**
Position: **Electronics Programmer/Designer -**
Responsibilities: Complete design and implementation of a TCP/IP Controller (university required apprenticeship)
Project site: <http://www.lukasz-skalski.com/portfolio/ethernet-tcpip-controller>

PUBLICATIONS / PRESENTATIONS

"Controlling the Raspberry Pi with Android via the WebSocket protocol" Skalski Ł., *Raspberry Pi Geek* 12/2015, Linux New Media USA LLC

"Tanzstunde: Raspberry Pi steuern mit Android" Skalski Ł., *Linux Magazine* 04/2015, Computec Media GMBH

"An Open Source and Open Hardware Smart Home", Skalski Ł., *Polish Linux Autumn Conference*, November 2014

"Detection of person presence and its activity in the bathtub" Bujnowski A., Koscinski P., Palinski A., Skalski Ł., Skurczynska A. and Wtorek J., *XV International Conference on Electrical Bio-Impedance (ICEBI) and the XIV Conference on Electrical Impedance Tomography 2013 (EIT)*, <http://www.icebi-conference.org>, 2012

"Monitoring of a bathing person" Bujnowski A., Skalski Ł. and Wtorek J., *Special Issue of Journal of Medical Imaging and Health Informatics*, March 2012

"Linux. Podstawy i aplikacje dla systemów embedded" Skalski Ł., Wydawnictwo BTC, Warszawa 2012, ISBN: 978-83-60233-85-6

EDUCATION

- Time period: 02.2012 - 07.2013
College: **Gdansk University of Technology**
Faculty: Faculty of Electronics, Telecommunications and Informatics
Type: Master's degree
Major: Electronics
Specialization: Computer Electronic Systems
- Time period: 09.2008 - 01.2012
College: **Gdansk University of Technology**
Faculty: Faculty of Electronics, Telecommunications and Informatics
Type: Engineer studies
Major: Electronics and Telecommunications
Title gained: *Electronics Engineer (grade: very good)*
- Time period: 09.2004 - 06.2008
School: **Complex of Electronic Schools in Wloclawek**
Profile: Electronics technician
Title gained: *Electronics technician (honours degree)*

TECHNICAL SKILLS

- very good knowledge of low-level/bare-metal programming and embedded systems development (kernel and userspace levels),
- very good knowledge of Linux applications on embedded systems,
- good knowledge of knowledge of microcontroller architectures (ARM, AVR, 8051),
- good knowledge of C as well as C++, JAVA and a variety of scripting languages,
- very good theoretical and practical knowledge of digital (I2C, 1-Wire, SPI, UART, ...) and analogue electronics as well as construction of electronic devices,
- experience with Linux open source development,
- knowledge of high level hardware and software debugging using oscilloscopes, logic analyzers and simulators,
- ability to design printed circuit boards and knowledge of multiple CAD design tools
- very good knowledge of electronic components market,
- good knowledge in PCB assembly and PCB testing,
- very good computer skills, knowledge of Linux operating system and computer maintenance,

AWARDS AND ACHIEVEMENTS

- 06.2008 - Scholarship funded by the President of Wloclawek
- 10.2007 - Scholarship funded by the Prime Minister (outstanding student award)
- 10.2006 - Scholarship funded by the Prime Minister (outstanding student award)
- 09.2005 - Scholarship funded by the Prime Minister (outstanding student award)

MISCELLANEOUS

- creative, open-minded, a fast learner, self-motivated, determined

As required by Polish law: I hereby give consent for my personal data included in this offer to be processed for the purposes of recruitment (in accordance with the Personal Data Protection Act dated 29.08.1997; Journal of Laws of the Republic of Poland 2002 No 101, item 926 with further amendments).