

Krzysztof Szewczyk

Tel.: Tel.: +421 944 193 690

E-mail: praca@krzysztofszewczyk.net

www: <http://www.krzysztofszewczyk.net>

LinkedIN: <https://linkedin.com/in/kszewczyk1/>

Career Objective and Summary:

Improve my skills and advance to a LabVIEW and TestStand Architect

- Several years of **experience in programming machines and devices** as well as optimizing existing software for ATE machines
- Excellent **practical ability of using LabVIEW and TestStand** in the process of optimizing the functioning of machines and devices
- Proficiency in using the **Microsoft SQL** Database Server
- Capable of using **data backup software: Acronis, Ghost**
- Excellent knowledge of programming – **LabVIEW, TestStand**
- Ability to **solve technical problems** with machines and devices, hardware, applications and software
- **Strong analytical thinking skills**
- Communicativeness, **strong interpersonal and teamwork skills**

PROFESSIONAL EXPERIENCE

08.2013 - ongoing **Magneti Marelli Kechnec, Slovakia** www.magnetimarelli.com

(BMW Telematics Project, Radio, Video, Navigation for BMW Cars, PSA Clusters)



- Responsibility for maintaining and optimizing a measuring system as well as preparing a system for new product variants.
- Providing technical support in the area of operating machines, conducting training courses focused on employee development.
- Manufacturing Tools development in LabVIEW.
- Development of test cases for product testing in LabVIEW and TestStand.
- Development of vision test cases for TFT displays in NI Vision/LabVIEW.
- Process Capability analysis.
- Close R&D cooperation.
- Close cooperation with quality department on customer claims and scraps analysis.

09.2011 – 08.2013 **Fitech Test&Tools, Sucha Beskidzka, Poland** www.fitech.pl

(Manufacturer of test systems, ICT machines, LabVIEW/Teststand test systems)



09.2011 – 08.2013: *Test Engineer/Software Developer*

- Development of test plans in LabVIEW and TestStand according to customer requirements.
- Specification of testing hardware for ATE/EOL systems.
- Development custom tools in LabVIEW.
- Development of visual inspection test plans in NI Vision / LabVIEW.
- Preparation of software documentation.
- Development of HIL test.
- Cooperation with customer R&D.

08.2007 – 09.2011 **Schrader Electronics LTD, Carrickfergus, UK** www.schraderelectronics.com

(Largest manufacturer of systems monitoring air pressure in car tires)



08.2008 – 09.2011: *Electronics/Software Engineer*

- Responsibility for providing technical and IT support during the production processes.
- Analysing malfunctions.
- Providing support for technician during repairing of ATE equipment.
- Responsibility for developing and optimising a test cases in LabVIEW and TestStand.
- Development of new testing tools in LabVIEW and Visual Basic.
- Providing technical support in the area of operating machines, conducting training courses focused on employee development and introduction of new employees into the company.

04.2011 – 08.2011 *Delegate in the United States: Scharader Electronics USA, Springfield TN*

- Conducting training courses on using LabVIEW and TestStand
- Supervising the process of implementing a data backup system for computers and other machines using Acronis True Image
- Responsibility for modernizing and optimizing measuring and testing systems

08.2007 – 08.2008: *Machine Operator / Quality Controller*

- Operating a machine controlled using Windows XP
- Operating a robot manufactured by Staubli
- Supervising the accuracy of production processes, controlling the quality of finished elements as well as reporting defects and problems

07.2006 – 08.2007 **Industrial Temps – Belfast, Northern Ireland**

07.2006 – 08.2007: *Temporary Worker*

- Temporary worker for multiple companies, mostly manual work, cleaning, operator.

KEY PROJECTS:

- [Production Line Live Data](#)
- [C# SQL Databse DLL for LabView 64bit](#)
- [Measurement Extractor – C#](#)
- [Wago 750-352 Controlled by LabVIEW](#)
- [PC Remote Control – LabVIEW](#)
- [Software Uploader – LabVIEW](#)
- [Software Uploader Status – LabVIEW](#)
- [Welding Machine's Tester](#)
- Philips LED Mini 300 - Test And Configuration
- Vortex Pump Controller - FCT

EDUCATION:

2002 – 2006 Electrical and Mechanical School Complex, Zywiec

Field of study: **Electronics Technician**

Specialization: **Computer Networks and Systems**

TRAINING, CERTIFICATES, LICENCES

- **Practices for safe use of industrial robots**, Northern Regional College, Northern Ireland
- **IT Essentials I: PC Hardware and Software**, Electrical and Mechanical School Complex in Zywiec
- **CCNA 1 Networking Basics**, Electrical and Mechanical School Complex in Zywiec
- **CCNA 2 Routers and Routing Basics**, Electrical and Mechanical School Complex in Zywiec
- **National Instruments CLAD Certificate**
- **National Instruments LabVIEW Core 1/2/3 Training**
- **National Instruments Vision Training**
- **SPC Training**

SKILLS:

- **English language:** advanced (spoken and written)
- **Slovak language:** Good
- **Driving license, category B**

INTERESTS:

- Computer Science
- Electronics
- Music
- Sports Cars

INTERESTS:

- Computer Science
- Electronics
- Music
- Sports Cars