CURRICULUM VITAE

Personal details

Name:	Roland Pető
Address:	Budapest, district XIII.
Cellphone:	+36-70/422 6482
E-Mail:	roland.peto@gmail.com

Work experiences

2017. – present: Johnson Electric Ltd., **Labview Engineer**
   Main tasks:
- Development, improvement and maintenance of measurement and test systems with **Labview**
- Train Lab stuff in Hatvan and **Murten (Switzerland)**, remote and personal.
- SW and HW debug, remote and personal
- **Define and purchase SW and HW elements** National Instruments. Clarify requirements and optimal solutions

   Projects:
- Actuator cover mechanical measurement with Laser sensor
- **Lin communication protocol** (to stepper motor control board) implementation into durability test system
- Potentiometer measurement system framework development
- Development new features in existing programs, optimize HW resource consumption

2015. – 2017.:   Cobra Control Ltd., **Development Engineer**
   Main tasks:
- Development and maintenance of measurement and test systems with **Labview, TestStand** and **LabWindows/CVI**
- **External specialist support** for SW development at manufacturing sites, remote
- **Industrialization** of Cobra Control machines at customer sites
- On-site support of Cobra Control machines during warranty period, bug fixes, change requests

   Projects:
- Exterior mirror vibration test and electrical parameters measurement
- Overhead console lamp light intensity measurement, color and pictogram check with **Vision Development Labview module**
- Steering angle sensor measurement system improvement with **CAN communication**
- Capacity measurement system bug fixes and change request handling, **MsSQL database development**

2014. – 2015.:   Cobala Industrial Automation and Services Ltd., **Development Engineer**

Main tasks:

- Development and maintenance **Scada** systems and traceability systems MS SQL and **iFIX** development environment
- **24/7 technical support** – remote and on-site

Projects:

- Database and HMI improvement for Industrial furnace upgrade
- Windows upgrade, configure properties for Industrial computer

2013. – 2014.:   Stabil Produkt Electronic Ltd., **Development Engineer**

Main tasks:

- Development and maintenance measurement and test equipment with **LabVIEW**
- Programming Optical Inspection **camera systems**

Projects:

- Speed sensor mechanical parameters measurement with Vision Development Labview module
- Speed sensor electrical parameters measurement
- Temperature sensor electrical parameters measurement

Education

2008. – 2013.   **Electrical Engineer** – Industrial automation and communication specialty,

University of Miskolc, Miskolc

Masterpiece**: NI CompactRIO** application in a controlling system with Labview

2006. – 2008.:   **Industrial electrical technician**,

Gábor Dénes Technical High School, Szeged

Masterpiece: Linear position sensing

2002. – 2006.:   **General Electronics specialization,**

Csonka János Tehcnical High School, Szeged

Language knowledge

English: Basic, read and write documentation daily.

Computer literacy

- Windows XP/7/8/10 and application: Word, Excel, Power Point, MS SQL
- Basic programming knowledge: Assembly, C, C++, **C#,** LabWindows/CVI, Visual Basic;
- Graphical programming: LabVIEW, TestStand
- Website development software: HTML, **CSS, Javascript**

Other interests

- Jukebox development
- Room microclimate monitoring device development with Arduino microcontoller
- Sports: basketball, crossfit

Others

- B category driving license
- CLAD
- Labview Core3 training
- Labview Performance training
- Labview Commincation training
- Labview OOP in Labview training

- CLD certificate can be gained upon request with minimal effort