

CURRICULUM VITAE

Contact:

Name: Dipl. Ing. Michal Halcin
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Education:

2015 – 2017 **Slovak University of Technology in Bratislava,**
Master's degree in Automation - Faculty of Mechanical Engineering
Thesis: "Embedded interpolating control of a real mechatronics system"

2017 **The Paris - Sacley University, CentraleSupélec**
Erasmus+ Internship: Development of the practical part of master's thesis

2012 – 2015 **Slovak University of Technology in Bratislava,**
Bachelor's degree in Automation - Faculty of Mechanical Engineering
Thesis: "Use of a co-simulation in a synthesis of control of a pre-heating temperature field of a foundry form"

2008 – 2012 Secondary Technical School in Poprad, SK - Mechatronics

Work experience:

8.2019 – up to now **MCM Automation GmbH & Co. KG, Dachau DE - Automation Engineer**
Projects/Customers:

- **Yaskawa Europe GmbH (9.2020-up to now):**
Complete on-site commissioning and SW design, trouble shooting and problem fixing of a production line composed by welding cells and handling, DB and Mqtt in a new factory. Team leadership, reporting. TIA Portal and WinCC.
- **BIAS Elektrotechnik GmbH (5.2020-9.2020):**
SW concept design, development and commissioning of a new conveyor system control for the Audi Press Shop. TIA Portal and WinCC Advanced.
- **Yaskawa Europe GmbH (9.2019-4.2020):**
Commissioning and partial programming of robotic welding cells. Application by the TIA Portal, WinCC Advanced.

8.2017 – 7.2019 **Heitec Slovensko spol. s r.o., Trenčín SK - Automation Engineer**
Projects:

- Commissioning and partial development of a car light assembling machine containing a 3-axis manipulator with a screwdriver, visual check, riveting and laser device.
- Development of PLC control of pressing machine including commissioning.
- Partial commissioning of machines containing 4 and 6-axis robots, a visual inspection and conveyor system.

3.2016 – 12.2016 Zuno Bank AG, Bratislava SK - IT User Support, part-time
10.2014 – 6.2015 Generali a.s., Bratislava SK - IT Technician, part-time

Additional professional development:

11.2018	Training SICK – Machine Safety referencing EN ISO 13849-1, EN IEC 62061
10.2018	Siemens - Simatic PROFI-safe programming in TIA Portal v15
2.2018	ABB - basics of robot programming - IRC5
12.2017	SK Certificate §22 - Electrician
8.2017	Omron - programming of Adept robots - eV+

Language skills:

<i>Slovak:</i>	Native speaker
<i>English:</i>	Professional working proficiency
<i>German:</i>	Professional working proficiency
<i>Serbian:</i>	Basics

Driving licence:

A1, B

SW Skills:

TIA Portal, WinCC	intermediate
MATLAB	pre-intermediate
Programming C, Arduino, HTML, CSS	pre-intermediate
CATIA, AutoCAD	pre-intermediate
SQL, JavaScript, LaTeX, Python	basics
ABB, Omron, Yaskawa robots	basics
Beckhoff TwinCAT	basics

Key skills and competencies:

Understanding of technical aspects of automated systems including PLC control, networks, databases, as well as electrical, mechanical and pneumatical parts. Hands-on commissioning skills and project leading. Pleasant behavior and communication with customers, proactive approach. Ability to work on multiple projects simultaneously in international environment. Analytical thinking and simplicity mindset in order to provide clear solutions. Strong self-motivation with positive influence on team members. Desire for self-improvement, smooth adaptation to new challenges.

Interests:

Control of automated systems, IoT, languages, hiking, fitness, traveling, politics, current affairs