

# Curriculum Vitae

Name: András Varju

Date of birth: 09.09.1993

Telephone: 06-30-713-5821

E-mail: varjubandi9309@gmail.com



## **Work experience:**

**2018. August-:** Robot-X Hungary Kft.

Job title: Robot- and PLC programmer

Main job responsibilities:

- Robot programming: Robot path planning, optimization and modification, creating the program logic structure, the specification of safety area, permission specifying with the PLC programmer
- PLC programming: robot and pneumatics valve, the workflow description, required control interface design (buttons, lamp page, numerical display) and implementation on the HMI, etc.
- Contact with the project manager, mechanical, electrical engineers. Reporting the problems, suggesting solutions

**2017. may - 2018. july:** TÜV Rheinland Intercert Kft.

Job title: Calibration intern

Main job responsibilities: calibration, supervision of devices, repairing option assessment and repair

**2016 may- 2016 december:** DARPAMotion Kft.

Job title: Intern

Main job responsibilities:

- Manufacturing preparation
- Manufacturing
- Design verification and re-design
- Documentation and -revision

## **Education:**

**2017 - 2019** Budapest University of Technology and Economics

Mechatronics Engineer Msc, Production system and robots specification, (Thesis: Microcontroller programming)

**2012 – 2017.** Budapest University of Technology and Economics

Mechanical Engineer Bsc, Manufacturing science and engineering specification  
(Thesis: PLC programming)

**2008 – 2012.** Táncsics Mihály Grammar school, Kaposvár, Mathematics specialization

**Language skills:**

English B2 written and oral exam (TELC)

**Computer knowledge:**

- C#, Scilab, Wolfram Mathematica, Matlab, Labview
- Solidwork, Solid Edge, Autodesk Inventor, Edgecam
- Microsoft Office

**Professional skills:**

- Robot programming (Fanuc, KUKA, UR, Denso)
- Manufacturing
- Basic design
- Basic metrology
- PLC programming
- Electronics

**Other skills:**

- Creative problem solver
- Team player
- Good skills for adaptation
- Good communication skill
- Good logical thinking
- Good personality
- Motivated
- Willingness for working abroad

**Other:**

B category driving licence

**Hobby**

- Sport
- Hobby electronics

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