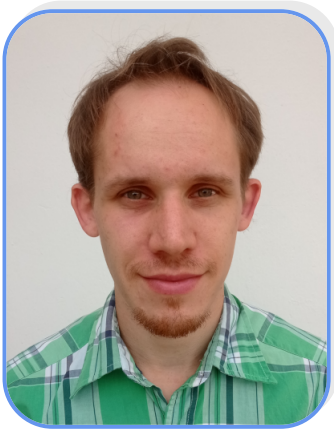
Králik Vidor Levente



Contacts

kralikvi@gmail.com

+3620/3831542

Programming skills

- Assembly
- C
- C++
- C#
- Bash
- PHP, MySQL

I am currently writing my thesis entitled "Visual two-factor authentication for vehicle access control system", I am writing license plate and face recognition software in C++ on Raspberry Pi.
In my spare time I design electronics and program microcontrollers. I like to design and assemble circuits, I have a lot of experience in hardware and software debugging.

Education

2013-2022	University of Óbuda Donát Bánki Faculty of Mechanical and Safety Engineering Mechatronics engineering (Not finished)
2009-2013	Mechatronics Vocational Secondary School Electronics training

Main results

- In 2011 and 2012, I achieved II. place in the Assembly category at the National Microcontroller User Professional Study Competition.
- Participation in the National Construction Competition in 2012 and 2013
- In the 2016 Bosch go-kart competition, first place in the "Efficient go-kart" category with a university team

Previous jobs

2022-	TurboTech Hungary Kft., developer
2021-2022	Full-time dad
2015-2021	ElektroCare System Kft. electronics design, construction and web development
2013-2015	Trainee at Pentolt Kft

Professional skills

- I have been programming microcontrollers in Assembly and C since 2009
- I designd product from idea to small series production
- Circuit and PCB design (Eagle, KiCAD)
- 3D modeling, primarily for 3D printing
- Electronic fault finding and reverse engineering
- I have experience with 3D printers and CNC. Knowledge of basic G-codes.

Skills

Systems approach, analytical thinking
Good planning and problem solving skills
Endurance, tolerance of monotony
Independent work

Language skills

Intermediate English language exam

Knowledges

Linux, Rasberry Pi
Podman container management
OpenCV, Tesseract
Arduino
High level of Office knowledge (Word, Excel, Access, VBA-Macro)
Knowledge of AutoCAD, Visual Studio, Unity, MathCAD, MATLAB
Touch typing

kralikvi@gmail.com Králik Vidor Levente Maglód, 2024.07.04.