

Králik Vidor Levente

Contacts

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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-

University of Óbuda Donát Bánki Faculty of Mechanical and Safety Engineering
Mechatronics engineering

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

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 for more than 12 years

Circuit and PCB design (Eagle)

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