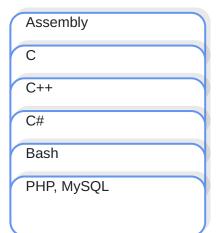
Králik Vidor Levente

Contacts

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Programming skills



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