



Name:	Pavel	Address:	Husova 1869/3 Ostrava 70200
Surname:	Polach	Phone:	00725 054 652
Email:	ivanahepjuk@gmail.com		
Nationality:	Czech	Languages:	Czech, English

Skills:

Analog circuit design, OpAmps, Precise instrumentation, Sensors, Programming, Soldering, Analog filter design, Prototyping, PCB design, 3D printing

PC:

LTSpice, C, C++, Microsoft Visual Studio, Python, Matlab, Processing (Java based), Pads PCB, KiCAD, LibreCAD, Blender, Repetier (3D printing host), Raspberry pi, Microsoft Office, Visio, Arduino IDE

Other interests:

Climbing, Manual constructing skills (wood, iron, plastic), CNC, Guitar playing, Community supported agriculture, Cryptocurrencies

Driving licence, Czech electronic certificate §50/8 (Permission to work with electricity)

Working experiences:

January 2014 - Now

On Semiconductor, SCG CDC Design center Roznov pod Radhostem
Test Development Engineer

Design, prototyping and development of instrumentation HW and SW for automatic test environment. Designing test package for serial production of switched-mode power supply HV controller. HW and SW debugging, mainly focused on time-efficient and precise data acquisition and processing. Working in small international team.

2012 - January 2014

Biomedical technician, specialization on pulmonary ventilation, BIRD Machines

- common routines on lung-ventilation machines in hospitals; repairs, regular service, emergency calls, upgrading, operation inspections.

2010 - 2013

Master degree // Biomedical and Ecological Engineering // Faculty of Electronic and Communication (Brno, Czech Republic)

2006 - 2013

(Student) Working as a rope worker. By using a rope, repairing parts of machines in factories, normally inaccessible. Experience with work in black coal industry (Arcelor Mittal, Kokšovna Svoboda, Kokšovna Sverma, Rockwool, Biocel Paskov), in an environment of power plants. In summer painting and reconstructing 400kV electric lines. Chimneys photo revisions, cleaning, painting and repairing. Ability of leading a small team and finding a solution.

Education:

2013 Member of EEICT student conference with diploma thesis – Training (measuring) system for climbers

2010 - 2013 Engineering degree // Biomedical and Ecological Engineering // Faculty of Electronic and Communication (Brno, Czech Republic)

2006 - 2010 Bachelor's degree // Automation and Measurement // Faculty of Electronic and Communications (Brno, Czech Republic)

2002 - 2006 (High school) Gymnazium Olgy Havlove, Ostrava Poruba

Others:

2009 - 2012 Climbing expeditions in South Asia, India and Jordan

2011 - 2013 Main founder of non - profit organization DRUŽBA BOULDERING o.s., focused on bouldering and sport climbing. Since 2010, developing bouldering gym (from scratch) → Advertising, fund-raising, working with accounting, working with people, preparing serial of competitions, taking care of profit, analyzing feedback and pushing project forward.
(<http://www.druzbaboulder.org>)

since 2015 – Helping to establish Labka hackerspace