Contacts

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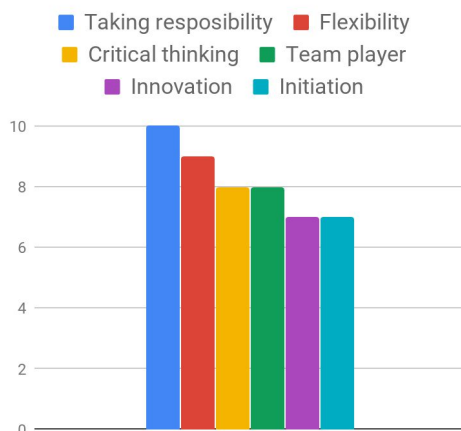
Programming

Python Java C# JS C++ C
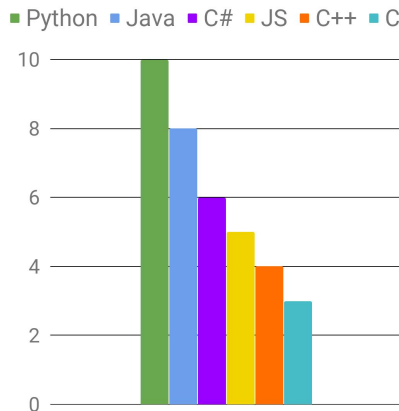
OS Preferences

MacOS ★★★★★
GNU/Linux ★★★★★
Windows ★★★☆☆

Personal skills

Taking resposibility   Flexibility
Critical thinking   Team player
Innovation   Initiation

Languages

English ★★★★★
Hungarian ★★★★★
German ★★★☆☆

Pal Szentgyörgyi

Experience

| 10/18 - | **Software Engineer** | PreciBake GmbH |

Integrating an AI based solution into kitchens of a market leading restaurant chain in the US. The solution used OpenCV with a Pytorch backend running YOLOv3 models. Communication between components via nanomessage. Deploying (Docker, swarm, Kubernetes) & maintaining using Gitlab CI onto NVIDIA Jetson TX2 boards running Debian/Ubuntu I have prepared from scratch. Monitoring & post problem analysis using TIG stack. Implementing a standalone streaming library (MJPEG and RTSP) for inhouse applications then integrating it into a ROS2 based application.

| 11/16 - 02/18 | **Software Engineer** | Payworks GmbH |

Designing a robotic infrastructure from scratch to replace human interactions with different POS terminals, allowing fully automated testing of the behaviour of the terminal using Python, Java/Android, Spring and various UNIX systems

| 05/15 - 05/16 | **Automation Engineer** | LogMeIn Inc. |

Developing automated tests for the join.me HTML5 client, maintaining various environments for the tests to enable parallelization using C#, Selenium, and Azure

| 07/14 - 04/15 | **Software QA Engineer** | Doctusoft Ltd. |

Developing automated test for a web application, administration of a Jenkins based CI flow using Java, Selenium and Linux

Education

| 2011- | **BSc in Computer Sciences** | Budapest Uni. of Tech. and Eco. |

Software engineering using various development environments and languages: C, C++, Java, C#, Javascript, robotic technologies, circuit design, FPGA programming, Verilog, Assembly

Additional:

Driving license (cat. B)
Citizen of the EU
Volunteering: teaching computer science to kids
Hobbies:

- board games (strategy/co-op focused)
- Paragliding (critical thinking & preparation)