Contacts

+36 30 877 2232
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Programming

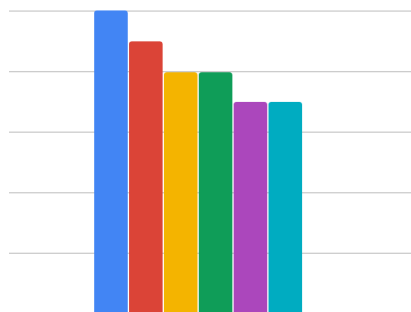- Python - Java - C# - JS - C++ - C
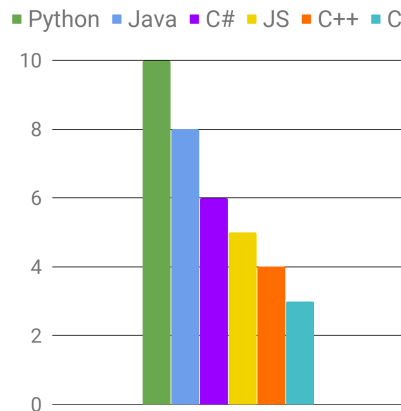
OS Preferences

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

Personal skills

- Taking resposibility ■ Flexibility
- Critical thinking ■ Team player
- Innovation ■ Initiation

Languages

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

Pal Szentgyörgyi

Experience

02/22 -	**Senior Software Engineer**	Diligent

Developing the backend of an intelligence platform, using Django, SaltStack + GCP VMs. Developing a data lakehouse platform on AWS from scratch to serve as the backbone of the data needs of the entire company.

08/20 - 02/22	**AI Engineer**	Morgan Stanley

Developing tools using Python for IPSoft's Amelia, installing her new instances using Ansible, Docker, and Kubernetes.

10/18 - 09/19	**Software Engineer**	PreciBake GmbH

Integrating an AI based solution into kitchens of a market leading restaurant chain in the US using OpenCV with a Pytorch backend running YOLOv3 models, nanomessage, Docker, swarm, Kubernetes, using NVIDIA Jetson TX2 boards running Debian/Ubuntu. 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 behavior of the terminal using Python, Java/Android, Spring and various UNIX systems

Education

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

Software engineering using various development environments and languages, robotic technologies, low level programming and circuit design

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)