

## Contacts Pal Szentgyörgyi

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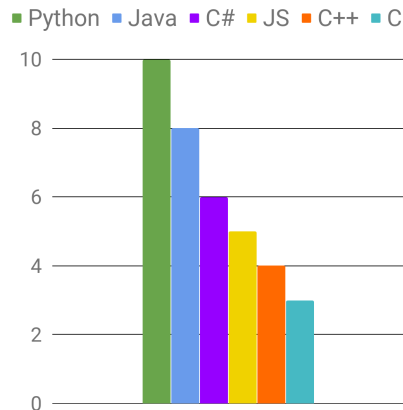
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## Programming

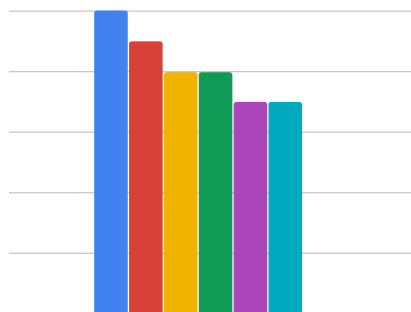


## OS Preferences

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

## Personal skills

■ Taking responsibility ■ Flexibility  
■ Critical thinking ■ Team player  
■ Innovation ■ Initiation



## Languages

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

## Experience

08/24 -

Senior Software Engineer

Citibank

Designing and implementing machine-learning assisted anomaly detection for the perimeter security team. This included a system that monitored and validated configs of physical and virtual resources across the entire organization.

02/22 - 03/24

Senior Software Engineer

Diligent

Developing the backend of an intelligence platform, using Django, SaltStack + GCP VMs. Developing a data warehouse platform on AWS from scratch to serve as the backbone of the data needs of the entire company. Moving legacy scrapers from VB to Python and AWS to collect data from the web efficiently.

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.

## 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)