Curriculum Vitae
Piotr WASZKIEWICZ

PERSONAL DATA

BIRTH DATE:	23th of October 1993
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WORK EXPERIENCE

06.2021 - ...

EqualTo GmbH
senior software engineer

`Python` `PostgreSQL` `Django` `GraphQL` `TypeScript` `React`

I work as a software engineer developing automated commission management system (https://www.equalto.com/). We work in Scrum, have full test coverage, with a strong focus on excellent code health via usage of MyPy, flake and Black formatting.

12.2019 - 06.2021

Booksy International sp. z o.o.
backend Python developer in 'Payments team'

`Python` `PostgreSQL` `Django` `Redis` `Elasticsearch` `Celery`

I worked as a Python developer responsible for integrating our POS solution with external payment provider (designing solutions, implementing and documenting my work). We worked in a team of 5 (3 developers, 1 business, 1 tester). I was also responsible for managing contacts with out payment provider, working together when new features were requested.

10.2018 - 12.2019

Mindhive sp. z o.o. *(former Loterity sp. z o.o.)*
main backend developer of Plibo system

`Python` `PostgreSQL` `Flask` `Redis` `Dramatiq`

I was the main Python developer of the Plibo app (https://plibo.eu/). We worked in a team of 7 (2 backend devs, 2 mobile devs, 2 business, 1 designer). I took care of preparing documentation, dividing and assigning tasks. We worked in Scrum, with daily standup meetings and retrospections. We had almost full test coverage (95%), with automatic deployments to staging server. Deployment was done manually at the start of week.

09.2017 - 10.2018

Loterity sp. z o.o.
backend Python developer

`Python` `PostgreSQL` `Django` `Redis` `JavaScript`

I was a Python developer working on creating lottery systems for clients around the world. I worked both on the core system responsible for storing and managing client data, as well as backend of the graphical tool for managing lotteries (written in Django).

2015 - 2017

Contract work as a teacher
at Warsaw University of Technology:
Algorithms and Data Structures I
Algorithms and Data Structures II
Operating Systems
Theory of automata and languages
Theory of algorithms and computations

Education

2016 - 2017	**Student of Warsaw University of Technology** Faculty of Mathematics and Information Sciences Master's degree - Artificial Inteligence
THESIS	**Rejection Option in Pattern Recognition Problem - Selected Issues** I experimented with multidimensional figures to create alternative approach to classification and pattern rejection problem. The best results were achieved using ellipsoids. The thesis was an extension to my previous two scientific publications. Available at https://github.com/Waszker/MasterDegree/
2012 - 2015	**Student of Warsaw University of Technology** Faculty of Mathematics and Information Sciences Bachelor's degree
THESIS	**Remotely Controlled Home Supervision System** The project, made in a group of three, consisted of multiple semi-microservices that together created an ecosystem for remotely controlling status of apartments. The system allows the management of electrical sockets (turning on/off), garden watering, video preview, temperature control, etc. It is highly modular solution. Available at https://github.com/Waszker/WRH—Raspberry/

Scientific Publications

2016	*Pattern Recognition with Rejection* *Combining Standard Classification Methods with Geometrical Rejecting* 15th IFIP TC8 International Conference, CISIM 2016
2017	*Regression Models for Classification with Foreign Patterns Rejection* International Conference On Recent Innovations In Engineering And Technology (ICRTET)

PRIVATE PROJECTS

FULL STACK: **RadPal** (https://www.radpal.pl/)

`Python` `PostgreSQL` `Django` `DjangoQ` `TypeScript` `Playwright` `React`

Our primary targets are medical places that specialize in radiological treatments, which can use our product for: monitoring doses, automated reporting, maintaining health of the used equipment, etc.
Our software is currently used in more than 20 places across whole Poland.

Our program is dockerized and easily deployed via ansible scripts.
We have full test coverage (via unit tests and e2e tests), full documentation (written in Latex, document automatically compiled via dedicated GitHub action, with always up-to-date screenshots of the app taken via Playwright) and automatic deployments. We use GitHub actions along with our in-house self-hosted scaled action runner. Everything is connected within our VPN, and monitored in Graphana.

SurfCloud (https://surfcloud.app/)

`Python` `PostgreSQL` `Django` `DjangoQ` `Vue.js`

This is an online business-oriented tool for running mantaining (surf/ski) schools. It features interactive calendar for scheduling lessons, instructors' schedule, equipment management and billing system.

This SaaS solution is written in Python and Vue and has many integrations with external services such as: weather/wind forecasts, SMS notifications and payment system.

PYTHON: **namespaced_enums** (https://github.com/Waszker/namespaced_enums)
Library extending functionality of the Enum objects and allowing for creation of containers within such classes.

flake-type-annotations-plugin
(https://github.com/Waszker/flake-type-annotations-plugin)
Plugin for flake8 performing checks for used type annotations.

IOT: **Smart Home System**
WiFi Socket operating on ESP-01 module
Automatic watering system based on the Adafruit Huzzah module
IP camera based on Raspberry Pi Zero device

GITHUB: https://github.com/Waszker

SKILLS

KNOWLEDGE: `Python` ●●● `TypeScript` ●●○ `PostgreSQL` ●●○ `Flask` ●●○

`pytest` ●●● `Django` ●●● `React` ●●○ `Vue.js` ●●○

`git` ●●● `docker/docker-compose` ●●● `ansible` ●●○

OPERATING SYSTEMS: Linux ●●●
Android ●●○
Windows ●○○

DRIVING LICENSE: category B

Interests

Hobby: Programming, Mineralogy, Aquaristics, Carnivorous plants, DIY mechanical keyboards

Sport: Sailing (yachtsman patent), Climbing and mountain hiking

Languages

English: CAE certificate