

# Avigdor (Victor) Paperno

Backend Python Developer

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8+ years experienced Backend Python Developer specializing in Django framework. With extensive experience in DDoS testing solutions, smart home devices, and microelectronics, I excel in designing and implementing robust backend systems. My skill set includes expertise in Python, SQL databases, REST, and IoT development. I have a proven track record of delivering high-quality projects both independently and within teams and passionate about innovation.

**Key skills:** Python | Django | Flask | Aiogram | PyQT | MySQL | SQLite | PostgreSQL | SQLAlchemy | HTML | JS | REST | Kafka | MQTT | Redis | RabbitMQ | Docker | GIT | SVN | CI/CD | C++ | C# | Arduino | Micropython | NLP | ElasticSearch |

## PROFESSIONAL EXPERIENCE

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**MazeBolt LTD** (12/2022 - 12/2023)

Ramat-Gan, Israel

*MazeBolt developed the world's first non-disruptive DDoS testing solution*

### Backend developer

- Developed and support backend for DDOS testing tools, using Python and Django and Selenium
- Participated in the code review process
- Created and setup pipelines (CI/CD) using Jenkins
- Single-handedly set up and taught the team to work with SonarQube

**SberDevices (Sberbank Russia)** (06/2020 - 11/2022)

Moscow, Russia

*Daughter of the biggest bank in Russia. Specialized in smart devices for Smart Home.*

### Development engineer in B2C e-com command

- Developed backend for VoiceSkills (Applications for TV box, with Voice Assistant) using Python and Django
- Developed scenarios (recognise intents from voice, classify it, receive data from backend or from integrations, send command to frontend) for VoiceSkills using JavaScript and Python
- Participated in the code review process

**Artek Electronics (Tenflex)** (09/2017 - 09/2019)

Troitsk, Russia

*Design and production of key components of microelectronics.*

### Python developer

- Single-handedly developed CRM for project control using Python and Flask: created database, parsed Excel documents and created website for watching old data and adding new
- Single-handedly created website for streaming video from local IP cameras, using Python and Flask
- Single-handedly developed TimeLaps system: taking photos from IP-cameras and created TimeLaps video, using Python and Bash

## CO-PROFESSIONAL LEADERSHIP

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**Xakep** (Position, 08/2023 - 09/2023)

Online

- Developed and acted as a lecturer in a unique course on creating Internet of Things devices

## EDUCATION

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**MIREA - RUSSIAN TECHNOLOGICAL UNIVERSITY** B.Sc. Computer science (2016 - 2019)

GPA: 4.67/5

**MSU - MOSCOW STATE UNIVERSITY** B.Sc. Physics (2014 - 2016)

## PROJECTS

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- Developing software using ESP32, Arduino, Raspberry Pi and Teensy, bots in Telegram using Python and Aiogram

## ADDITIONAL INFORMATION

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- Languages: Russian (C2, native), English (C1, fluent), Hebrew (א)