

# Dmytro Balakin

Python Developer

## Summary

A Python developer with nearly two years of experience in software development and a big background in medicine. Served in the IDF as a head of the medical clinic.

## Employment History

### Python Developer at Integrated Technology Laboratory LLC

October 2023 — Present

- Developed Python-based software using Flask, Django, Node.js, JavaScript, and React.js frameworks for web applications diagnosing medical conditions, including psychiatric disorders.
- Designed and implemented databases with PostgreSQL and MongoDB to store medical data and diagnostic results.
- Developed algorithms utilizing modern machine learning and artificial intelligence for medical data processing and analysis.
- Researched and integrated new methods and technologies for medical diagnostics into software products.

### Laboratory assistant at the faculty of computer science at Kharkiv National Karazin University

2016 — 2018

- Analyzed patient databases, understanding relationships between them.

### Head of the audit committee at GAMMA 55 company, Kharkiv, Ukraine

2017 — 2019

- Working with a pharmacy chain's drug database.

### Head of the medical clinic at IDF, Israel

2022 — 2023

## Education

### Master of Computer Science: Software Engineering, San Francisco

2023 — Present

WOOLF global collegiate higher education institution (Remote).

### Python Institute (Open Education and Development Group)

January 2023 — March 2023

General-Purpose Programming (Exam PCEP-30-0x and Exam PCAP-31-0x )

### Doctor of medicine, Kharkiv National Karazin University, Kharkiv, Ukraine

2012 — 2018

## Personal Details

Haifa, IL

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## Links

LinkedIn

Personal Website

## Languages

Hebrew

English

Ukrainian

Russian

## Skills

Python, Flask ,  
Django, Node.js, HTML,  
CSS, JavaScript, React.js,  
PostgreSQL, Git, GitHub,  
Seaborn, Matplotlib, Plotly,  
Pandas, NumPy, Selenium,  
SciKit Learn, PyQt5

## Courses

- 100 Days of Code:  
The Complete Python Pro  
Bootcamp for 2023 (58 hours)
- The Complete 2024 Web  
Development Bootcamp (61.5  
hours)
- The Complete Guide to  
Python3 (39 hours)
- Python development (40  
hours)
- Backend development with  
Django (21.5 hours)
- Python 3 - GUI development  
with PyQt5 (18.5 hours)
- Data Science and Machine  
Learning Python (9.5 hours)
- Machine Learning and Data  
Science (50.5 hours)