

Pavel Egorov

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Languages:
Python, C, Java, HTML, CSS
English
B2+ (Upper-Intermediate)

EDUCATION

Bachelor of Computer Science at **Ukrainian Catholic University**

Expected graduation:
July 2023
GPA: 93.81/100

Relevant courses: Algorithms & Data Structures, Computer System Architecture, Object-Oriented Programming, Probability & Statistics, Python Programming, Mathematical analysis, Discrete Mathematics.

EXPERIENCE

Python Developer

March - May 2020

Project "Emotion Detector"

Lviv, Ukraine

- Created a project for my term work at the university that helps Twitter users determine their mood and emotions
- Increased people awareness of their emotional state; reduced the number of depressions and other mental illnesses
- Implemented it using Python; evaluated the mood of Twitter users by Natural Language Processing; worked with Database and Twitter API
- Developed a web application using HTML, CSS, Flask and Dash; hosted it by Pythonanywhere service

Python Teacher

March 2020

CoderDojo

Lviv, Ukraine

- Communicated with a group of children and explained to them the basics of Python
- Involved children and youth in learning programming; increased their knowledge about technical tools, programming languages and opportunities for IT education
- Taught students to create their own programs and projects

TECHNICAL SKILLS

- Python (NLP, NLTK, JSON, plotly, matplotlib, PEP 8 standard of coding)
- C, Java, HTML, CSS
- Web Development (Flask, Dash, Pythonanywhere hosting)
- API knowledge, Git, PyCharm, VS Code, CLion, IntelliJ IDEA.

AWARDS AND ACTIVITIES

- Won a scholarship for tuition fees for Bachelor studies based on academic and leadership rewards
- Won in Synchro Space Hackathon with a project aimed to triple the use of bicycles on the island of Khortytsia in Ukraine
- Participated in ICPC (International Collegiate Programming Contest)
- Participate in University Parliament where working in a team and creating projects to improve the lives of students
- Volunteer at Lviv Regional Youth Center (July 2018 - Present) where organize social projects for young people, contribute to local and national forums and events
- Spoke on youth lectures about communication skills and opportunities in small cities
- Volunteered in an orphanage and in a home for the elderly
- Volunteered at Lviv IT Arena (September 2019), Book Forum Lviv (May 2018 and September 2018), Lviv Oratory Open (June 2018)