Michael Sakevich

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Education

Taras Shevchenko National University of Kyiv   Kyiv, Ukraine

B.S. in Applied Mathematics, Computer Science and Cybernetics faculty   Sep 2019 – Jun 2023.

Technical Skills

Languages: Python, C++, C#, Maple, HTML/CSS
Tools: Git, VS Code, Visual Studio, Pycharm, Jupyter Notebook, Matlab, Latex, Microsoft(Libre)Office
Libraries: pandas, NumPy, Matplotlib, tkinter, pygame, telebot, NetworkX

Experience*

Data loading-processing-sorting program | Python
- ➔ Developed a program using Python and OOP principles to load data, double verify it and output processed.
- ➔ Pretty full diagnostic of work and a lot of error checking, troubleshooting etc.

1010 Game | Python/C#
- ➔ Written with love, OOP principles and **Tkinter** library.
- ➔ Resizable field and amount of pieces.

Pseudo-randomizator | C++
- ➔ Using 10+ different algorithms for generating pseudo-random numbers.
- ➔ Checking validness of each algorithm and supports parameters changing

Long Arithmetic | C++
- ➔ Different methods of long arithmetic processing (Schönhage–Strassen, Karatsuba, Toom Cook, etc)
- ➔ Based on math and a lot of theory(Knuth Art of Computer Programming)

Graphs and Trees | Python
- ➔ Using **NetworkX** library and **Matplotlib** to read graph from file, analize it, output info about it subgraphs.
- ➔ Shows one of the diameters and builds DFS.

Additional Courses

UGEN CHALLENGE IT 3
- • Hacathon: Online Schooling App Maquette
- • Cryptography basics
- Here is certificate

Achievements and Extracurricular Activities

Member of Students Department of Faculty   Jan 2019 – Present
Taras Shevchenko National University of Kyiv
- • Organized What? Where? When? Game. Written simple telegram bot for masters.
- • Official represener of Applied Math program course in consulting applicants.
- • One of administrators of coworking space "Chytalka" (organized lecture from Jooble company, helped with booksharing)

Group Curator   Sep 2020 - Present
Boardgames League Organizer (Hometown)   12 Jul 2019

*All of the code you can find on my GitHub