

KARPENKO MARIIA

@ Karpenko.MN@phystech.edu

7 (977) 113 9928

Moscow, Russia

<https://github.com/karmashka>

EDUCATION

Moscow Institute of Physics and Technology

Applied Mathematics and Computer Science

September 2018 – June 2022

Moscow, Russia

Related Coursework:

- Theory of games
- Patterns and DevOps
- Algorithms and Data Structures
- Discrete Analysis
- Theory and Practice of Concurrency
- Databases

PROJECTS

Tower Defence Game

GUI, Python

February 2019 – April 2019

Moscow, Russia

- Role in the team - project manager
- Implemented Python app using **Pygame**
- Designed **scalable** 2D scene and Game objects for creating various levels
- Distributed game package via **PyPi**
- Final grade received 100%

Application development for electronic document verification

Blokchain

November 2019 – December 2019 Riga, Latvia

- Role in the team - project manager
- Synthesized existing solutions to the problem
- Created a unique safe system layout, as well as a graphical interface of the application

ACHIEVEMENTS

Baltic Sea Digital Event

Winner of International Business hackathon

November 2019

Riga, Latvia

- Best out of 60 participants
- Participated like project manager
- Awarded for creating innovative blockchain solution for electronic diplomas verification

Chinese Bridge

Laureate of the All-Ukrainian tour

January 2017 – May 2017

Kiev, Ukraine

- Laureate of the All-Ukrainian tour of the international competition in the Chinese language "Chinese Bridge"

SOFT SKILLS

Learning Potential Team Work

Organization Flexibility

Professionalism Responsibility

MultiTasking Work Under Pressure

PROFESSIONAL SKILLS

C++

C

PostgreSQL

Python



STRENGTHS

- Development

C C++ SQL Python Git
matplotlib pandas seaborn POSIX

- Development Tools

PostgreSQL Visual Studio CLion
Jupyter Notebook

- Other Tools

GitHub Draw.io Prezi PowerPoint

LANGUAGES

English - B2

Chineese - HSK-3

Russian - native

Ukrainian - fluent



HOBBIES

- Athletics (First adult rank)
- Knitting
- Classical choreography

OTHERS

Participated in Facebook Moscow Open House