

KARPENKO MARIIA

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

Chinese - HSK-3

Russian - native

Ukrainian - fluent



HOBBIES

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

OTHERS

Participated in Facebook Moscow Open House