Chajka Maksim

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Education

Higher School of Economics St. Petersburg
B.S. Applied mathematics and informatics *Sep. 2020 – Present*
Expected graduation: June 2024

Academic lyceum "Physical-technical High School" Sep. 2016 – May 2020

Achievements

Olympiads

- Informatics regional winner and prize-winner.
- Mathematics regional prize-winner.
- Circle of olympiad informatics parallel A.

Previous work

Yandex backend intership | *Golang/Perl* Jul. 2022 – Nowadays

- I worked in ya.ru. I moved from perl to golang backend web informers about traffic and weather and profile - data about user. And supported a few updates.

Projects

Board game | *C++* Jan. 2021 – May 2021
∗ Implementation of computer version of board game "Ticket to ride" with bots and local or multiplayer gameplay. Personally i used qt5 for graphics.

Deep Machine Learning | *Python* Jan. 2019 – Jan. 2020
∗ Detection of cancer in a photo with a probability of at least 93% by using tensorflow and right combination of layers.

Security letters | *Go* Jun. 2021 – Aug. 2021
∗ Email sender/receiver with cryptography by used gmail api.

Basic development | *Java* Jan. 2020 - Apr. 2020
∗ Platformer game with 2d graphics implemented.
∗ Simple 2d android game by using sdk.
∗ Simple android calculator by using sdk.

File archiver | *C++* Mar. 2020
∗ Using the general Huffman algorithm, I compress the file into a smaller size. Can be used for any file, but most effective on txt files)

Console game tic-tac-toe | *C++* Feb. 2021
∗ Field 10x10 with arrow control by ncurses.

Chat bots | *Python* Dec. 2021
∗ Telegram personal news **finder**. Tam-tam chat bor for leading channel, collecting statistics.

Technical Skills

Languages: Golang, C++, C, Python, bash, Java, sql.
Developer Tools: Git, Vim, Docker, gdb, valgrind.
Technologies: cmake, vcpg, regex.
Libraries: Qt, ncurses, grpc, boost, swing, ternsoflow, panas, numpy.