

# KONSTANTIN AMELICHEV

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[github: KiK0S](#) ♦ [codeforces: KiKoS](#)

## EDUCATION

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**Higher School of Economics, Moscow**

*September 2019 - June 2023*

Bachelor in Applied Mathematics and Information Science.

## WORK EXPERIENCE

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**Tinkoff.ru, Moscow**

*September 2020 - December 2020*

Backend internship; working on ad services: processing user's information before showing relevant ads.

Used C++, Boost, rapidjson.

**Tinkoff Generation, Moscow**

*September 2019 - Present*

Algorithms and data structures teacher for high school student's group.

Used, C++, Python, Polygon, testlib.

## COURSES

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[Tinkoff Generation](#)

*September 2018 - June 2019*

Took courses of algorithms, data structures, machine learning, deep learning, math.

[Robotics](#)

*September 2015 - March 2020*

Took robotics courses in my high school, where worked with Arduino and other microcontrollers.

## PROJECTS

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[3d-framework](#)

*Summer 2020*

Aim of the project is to make a framework for displaying 3-dimensional world, supporting any world transformations. Used C++, sfml-graphics.

[Codenames AI](#)

*Summer 2019*

Aim of the project was to make Telegram bot providing interface to play Codenames and AI as an opponent or a teammate. Used Python, gensim Word2Vec, python-telegram-bot.

[Logs visualiser](#)

*Spring 2019*

Aim of the project was to make a demo of desktop client which can visualise some information taken from sensors. Used Java, Swing.

[Client-server game](#)

*Summer 2018*

Aim of the project was to create a simple desktop client-server game. Used Python, pygame.

[Map of Moscow organic shops](#)

*Spring 2018*

Aim of the project was to create an Android application to provide users organic shops on a map and some information about them. Used Java, Yandex map API.

## SKILLS

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**Programming languages**

Python, C++, Java

**Frameworks**

Pandas, Numpy, Sklearn, Pytorch, Boost, python-telegram-bot

**Tools**

Git, Linux, Latex, SQL, Docker, CMake, MongoDB

**Languages**

Russian (native), English (free in use)

## ACHIEVEMENTS & AWARDS

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Gold medal of Russian national olympiad in informatics, 2019

Silver medal of Russian national olympiad in informatics, 2018

Candidate for master of sport in orienteering