SEMEN DOROVITSYN

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EDUCATION

Academic University, Bachelor of Applied Mathematics and Physics	August 2020 – July 2024
Bioinformatics Courses, organised by Biocad	September 2018 – February 2019

PROJECTS

Instagram Bot — Python, Flask, Requests, Selenium, BeautifulSoup   June 2021 – August 2021

- Implemented Instagram parser which collect information from user page.
- Wrote database to save users data, therefore reduced time to ask Instagram services by collect all information just in one pass.
- Implemented the interface as a telegram bot.
- Trained Bot to answer a question: "Is account a bot?". This was done using a decision tree from the library Scikit-Learn.

GitHub commit checker — Python, Requests   January 2021 – February 2021

- Created a mini app, which collect all users commits and pull requests from GitHub and verify them for the required standard.

Calculator — C++, Qt Creator   November 2020 – December 2020

- Made an arithmetic expression parser that supports addition, subtraction, multiplication, division and parentheses.
- Wrote interface for the calculator by using Qt Creator.

School Projects — Java   September 2018 – May 2019

- Wrote a RSA encrypt system.
- Comparison of the speed of self-writing sortings, with visualization in the form of graphs.

SKILLS

Languages	Python, Java, C++, C, SQL.
Developer Tools	Git, Clion, PyCharm, Eclipse, Qt Creator.
Python Libraries	NumPy, Pandas, MatPlotLib, Scikit-Learn, SciPy, Requests basics.
Skills	Calculus, Linear Algebra, Idempotent algebra, Algorithms and Data Structures, Statistics.