SEMEN DOROVITSYN

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EXPERIENCE

Yandex.Technology — Apprentice Analyst   Nov. 2021 – Pres.

- Investigated the applicability of metrics to different search objects and looked for growth points.
- Found the boundaries of product growth, decomposed user behavior into scenarios and determined where it is possible to increase the quality of the product by 3-4%.

EDUCATION

Academic University,   Aug. 2020 – July 2024

GPA: 4.67/5

Bachelor of Applied Mathematics and Physics

PROJECTS

Lambda Calculator — Haskell   Oct. 2021 – Dec. 2021

- Designed a lambda expression calculator that supports all operations of lambda calculus (reduction, equivalence (alpha and beta) checker, substitutions etc).
- Implemented parser which read and output lambda expressions.

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

- Implemented Instagram parser which collects information from user's page.
- Made storage 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 the Bot to answer a question: "Is the account a bot?". This was done using a decision tree from the library Scikit-Learn.

GitHub commit checker — Python, Requests   Jan. 2021 – Feb. 2021

- Created a mini app, which collects all user's commits and pull requests from GitHub and verify them for the required standard.

Arithmetic expression parser — C++, Qt Creator   Nov. 2020 – Dec. 2020

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

SKILLS

Languages	SQL, ClickHouse, Python, Java, Haskell, C++.
Developer Tools	Git, CLion, PyCharm, IntelliJ.
Skills	Calculus, Linear Algebra, Statistics, Differential equations.

ACTIVITIES AND ACHIEVEMENTS

Bioinformatics Courses, *organised by Biocad*   Sep. 2018 – Feb. 2019

United Interuniversity Mathematical Olympiad, *Second-grade diploma*   May 2019