

Aleksandr Aparin

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Linkedin: [Profile](#)

Proficient

JavaScript | React+Redux | Next.js | TypeScript | Python | Django | SQL

Work experience

Web-developer. Freelance (September 2022 - to present)

- Creating a multifunction web-application with dashboards for checking deliveries and schedule repairs using *Next.js*, *React*, *react-chartjs*.
- On development process a web-application using *React*, and platform integration with Bitrix24

Web-developer, data analyst, task management and coordination. Association of Organizers of student competitions «Я - профессионал» 2021 - June 2022 (1.5 y.)

- Created and deployed multitask the website «Я-эксперт» for expert review using frameworks such as Django and lib's JS - React.
- Filled and made up main website and participant's person account of actual information using HTML/CSS for largest student competition
- Automated downloading and a report about actions of participants using Python.
- Created and analized a pivot table using Python, Excel

Data analyst, task management and coordination. National Research University Higher School of Economics (HSE) 2019 - 2022 (3 y.)

- Participated in technical creation of the largest student competition «Я - профессионал»
- Created the methodological rules and taught to create contests in Yandex.Contest system, also concluded technical support, using Python, C++
- Created and analized a report using pivot tables into Python, Excel
- Participated in the admission committee at HSE Univers. Created a report using pivot tables into Python, Excel

Main deputy chief. Lomonosov Moscow State University (MSU). Department Admissions Committee and work with matriculant 2016 - 2019 (3.5 y.)

- Management
- Organized competitions for schoolchild and matriculant exams
- Filled website actual information using HTML
- Created a report using pivot tables into Python, Excel
- Automatized process finding/recognition a paperworks of participant competitions and matriculant exams using FPDF and OpenCVlibs in Python
- Analyzed rating among participant

Education

Lomonosov Moscow State University (MSU)

Faculty of fundamental mechanics and mathematics. Department theory of probabilities
2015-2021 (Master)

Lomonosov Moscow State University (MSU)

Faculty of fundamental mechanics and mathematics. Department theory of probabilities
2021-to present (PhD student)

Projects

- <https://www.aleksandrparin.site> - the visit card.. I used React, server-side rendering on Next.js, TypeScript, as well as GraphQL for parsing data on LeetCode. (<https://github.com/AparinAA/visitcard>)
 - <https://coronacheck.vercel.app> - calculator is detecting a beneficial transfer money between KoronaPay and Binance. I'm using Next.js, TypeScript, API difference site with currencies rate using axios. (<https://github.com/AparinAA/coronaCheck>)
 - <https://www.npmjs.com/~x6p> - npm, lib API to work with crypto exchanges. TypeScript.
 - These are used when I created BOT for inter-exchange arbitrage trading (<https://github.com/AparinAA/typescript-arb>)
- Other projects on Github and on a personal site <https://www.aleksandrparin.site>.

Science work

On the sojourn time distribution of a random walk at a multidimensional lattice point

Theory of Probability and Its Applications. 2021 [EN version](#) [RU version](#)