

# Aleksandr Aparin

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Linkedin: [Profile](#)

## Proficient

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

## Work experience

**Web-developer.** Freelance 2022 June - to present (9 months)

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

- Developed UX/UI of multi-page web application using *JavaScript*, *React*, *HTML/CSS*;
- Participated in the design and deployment to the server of a multifunctional web application for evaluating applications by experts - "Я - эксперт", using for the backend - *Django*;
- 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*;

**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 *OpenCV* libs 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](#)