

YERKHAN BAIGAL

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EDUCATION

Nazarbayev University

August 2017 - Present

Bachelor in Computer Science, GPA: 3.22

Minor in Mathematics

Nur-Sultan, Kazakhstan

- Related Coursework: Programming for Scientists and Engineers, Performance and Data Structures, Programming Languages, Algorithms, Artificial Intelligence, Database Systems, Software Engineering.

WORK EXPERIENCE

Yandex.Market

Moscow, Russia

Intern Frontend developer

June 2021 - September 2021

- Fixed bugs, which led to 5% of errors on production.
- Fixed flow bugs, that could not be found by tests.
- Optimized API queries, which led to 10% increase in performance.
- Fixed geocoder query bugs and improved its accuracy by 2-3 kilometers.
- Redesigning contour search by filters.
- React, Redux/ReAtom, Flow/Typescript, Apiary, Axios, React Hooks, Reselect.

PROJECTS

Forum

January 2021 - February 2021

- Frontend application for the forum website.
- Session based authentication, posts, comments, likes/dislikes, filter
- React, Typescript, Ant Design, Mobx, Axios, Vite js.

Real time forum

January 2021 - February 2021

- Frontend application for the forum in real time.
- Session based authentication, posts, comments, likes/dislikes, real time chat on websockets.
- React, Typescript, Ionic, Mobx, Axios, Webpack, CSRF token.

Bomberman

March 2021 - April 2021

- Analogue of the Bomberman 1985 game from NES console.
- Runs at 60fps minimum, no frame drops.
- HTML, CSS, vanilla Javascript, OOP design principles.

PROGRAMMING SKILLS

Languages / Frameworks: Javascript ES6, Typescript, HTML5, CSS3, React, Next js.

Technologies: Webpack, Vite js, Redux, Mobx, ReAtom, REST API, GraphQL, Websocket, Ant Design, Material UI, Ionic.