Ivan Baksheev

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EDUCATION

Informatics and Computer Engineering   Novosibirsk, Russia | June 2023
NOVOSIBIRSK STATE UNIVERSITY

WORK EXPERIENCE

HUAWEI R&D CENTER | JUNIOR ENGINEER   Novosibirsk, Russia | Apr. 2022 – To Date

JETBRAINS | SOFTWARE DEVELOPER   Novosibirsk, Russia | Sept. 2021 – Mar. 2022

- Implemented a fully featured web application for internal usage using **TypeScript**, **React**, **styled-components** for UI and **Protobuf** and **gRPC** to get and mutate server data
- Added various integrations with company subsystems using **JWT**, **OAuth2**
- Well tested application using **Cypress**
- Read some Scala code to find and fix some legacy bugs, wrote some scripts by myself
- Worked a lot with **IntelliJ IDEA**, **WebStorm**, **YouTrack**, **TeamCity**, **Space**, and its automation module, **MySQL**, **AWS ECS**, **AWS S3**, **Elasticsearch**
- Created a simple web application to give users possibility to compare some entities for ML (like Yandex.Toloka), used **FastAPI** as a backend, it helped ML team get a more precise model

JETBRAINS | INTERN   Remotely | July 2021 - Aug. 2021

- Started to work on the web application discussed above using **JavaScript**, **React**, **CSS**

PROJECTS

MINDTRAINER mindtrainer.ru   RUBY ON RAILS, JS, PHP, PYTHON

- A website for high school and university students to have fun and train by solving small math-related tasks
- All tasks are **procedurally** generated and are based on various mathematical concepts such as **graph theory**, **symmetry**, **optimization theory** and **topology**
- Uses a special system to let students develop and integrate their own task generators into MindTrainer in any programming language
- Was funded under the **presidential grants program**, was used by many schools across Russia

YAHTZEE ONLINE zpix1.github.io/yahtzee   VUE.JS, NODE.JS, SOCKET.IO

- Classic dice poker
- Users can play remotely, it's enough to share session key
- Local PvP and PvE modes are implemented

YOUTUBE ANTI TRANSLATE github.com/zpix1/yt-anti-translate   JS

- A Chrome extension to disable YouTube video titles translation
- 2000+ active users

PECHATAY zpix1.github.io/pechatay   VUE.JS, NODE.JS, SOCKET.IO

- Yet another typing trainer
- Nice design, **multi-user** online mode, some self-developed training methods

I have other projects and more information on existing ones on my personal page: zpix1.github.io/about-me

SKILLS

- Languages: **English**, **French**, and also **JS/TS**, **Java**, **C/C++**, **Python**, **SQL**
- Technologies: React, styled-components, JetBrains IDEs, Git, GitHub Actions, Docker, docker-compose, Elastic, LaTeX, numpy, MySQL, Linux, bash, gdb