

Grigory Hatsevich

Web applications developer

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Tbilisi, Georgia

Skills: JavaScript / HTML / CSS, Node.js, React, SQL, HTTP, WebSocket, Chrome extensions, VPS, Linux, Git

Experience:

Web applications developer @ self-employed

(1) I came up with the product idea, developed the product, and it was used by multiple users:

1. Google Chrome extension "Read aloud with auto language detection" — text-to-speech web reader. (**JavaScript / HTML / CSS, Chrome extensions API**), 2020
1000+ users from 60+ countries
2. Multi-user web apps (**bubble.io, JavaScript**):
"Econtrainer" — easily create training problem sets using advanced filters. 2020
"Econquestions" — questions and answers platform which helps teachers optimally decide who should answer this or that question. 2021
Apps were used by a team of teachers and 100+ students at Shkolkovo online school, 2021.
3. Multi-user web app Universam-anketa (**bubble.io**), 2021
User accounts, surveys, learning management system.
4. Universam.org (**JavaScript / HTML / CSS**), 2021
5. Novayashkola.org (**JavaScript / HTML / CSS**), 2018

(2) I came up with the product idea, developed the product, and used it at work or personally:

6. "doit.js" — full-stack framework and interactive development environment (**Node.js, SQLite, JavaScript / HTML / CSS**), 2021
Inspired by Smalltalk environment and bubble.io platform.
7. Song player with special functionality that facilitates learning to sing and play (**JavaScript / HTML / CSS, File and Directory Entries API**), 2017
8. Voice interface that helps children to develop polite habits (**JavaScript / HTML / CSS**), 2017
9. Browser plug-in "On-selection translator" that helps to learn a foreign language (**JavaScript / HTML / CSS**), 2017
10. Minkowski sum visualizer (**Scratch**), 2016

(3) I came up with the product idea and developed the product as a hobby project:

11. Chat app (**Node.js, SQLite, WebSocket, JavaScript / HTML / CSS**), 2019
12. "Pick" — a simple query language for object trees (**JavaScript**), 2020
13. Library for persistent live page editing (**IndexedDB, JavaScript / HTML / CSS**), 2020
14. Janko piano emulator (**Smalltalk / Pharo / Squeak**), 2016

(4) I developed the product according to the client's specification:

15. Customers and orders database app (**bubble.io**), 2021
16. Monitoring web pages and sending email alerts (**Node.js, WebSocket**), 2019
17. Parsing data from web pages (**Node.js, SQLite**), 2019
18. Bookmarklets: rearranging page elements, automation of repetitive user actions (**JavaScript / HTML / CSS**), 2019

19. LecturesOnMicroeconomics.com (**JavaScript / HTML / CSS**), 2017

Textbook trailer website with animated interactive fiction.

(5) I wrote specs, hired developers, and managed the process:

20. vmsh2017.ru, 2017 (**JavaScript / HTML / CSS**)

21. Diagnostic testing platform, 2013–2014 (**PHP, MySQL, JavaScript / HTML / CSS**)

22. Learning management system, 2013 (**PHP, MySQL, JavaScript / HTML / CSS**)

(May-Oct 2019) **Node.js developer @ Intego-press**

I developed the data post-processing system used as a part of the video content analysis system (**Node.js, SQLite, git, bitbucket**).

Lead developer's evaluation: "I like the neatness, conciseness and readability of your code".

(2013–2017) **founder and CEO @ Interregional Spring School**

I led the team of 10+ teachers and staff members to teach 100+ prize-winners of the National School Olympiad in economics. Featured lecturers from EBRD, Chicago, New York and Stanford universities.

(2008–2015) **co-founder @ ILoveEconomics.ru**

Currently one of the most used learning resources for school students who study economics

Certification of problem solving skills (coding in **JavaScript**)

- Codesignal.com 2021: Coding Score = 784, level 8 out of 10
- Codesignal.com 2018: Coding Score = 731 (reference values: Oracle employees = 728, Amazon employees = 733)

Certification of web development skills (2021)

- LinkedIn Skill Assessment: **JavaScript** (top 5%), **HTML** (top 5%), **CSS** (top 15%)
- AngelList Assessment: **Full-Stack Web** — top 10-20%
- Codesignal.com **Node.js** certificate: Coding Score = 843, level 10 out of 10
- Sololearn.com course completion certificate: **React + Redux**

Talks

Breaking the Wall of Lie using Trust Network (A.T. Kearney's Falling Walls Lab)

I propose a mechanism, based on trust chains, to build a system of ratings and reviews which cannot be manipulated by creating fake accounts, and show how it can be used to improve the quality of Amazon recommendations and Google search results: <https://youtube.com/watch?v=qZJ-BercOGg>

Education

New Economic School. Master of Arts in Economics, 2010

Higher School of Economics. Bachelor of Arts in Economics (with honors), 2008

Honors and awards

Winner (1st degree diploma) of the National School Olympiad in Economics, NES alumni grant for visiting US universities

Links

Personal website (contacts and links to all projects): <https://hatsevich.ru>

My blog on programming technologies: https://vk.com/perfect_programming

Latest version of this document: https://hatsevich.ru/Hatsevich_CV.pdf