

Oleksandr Kovalskyi

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LINKS

[Github](#), [Linkedin](#), [Telegram](#)

EDUCATION

Sep 2019 — Present

Bachelor, Taras Shevchenko National University of Kyiv

Kyiv

GPA: 4.0/5.0

SKILLS

Docker

JavaScript

MongoDB

Algorithms & Data structures

HTML & CSS

Git

React

Linux

Node.js

Competitive programming

Python

Database

PROJECTS

Oct 2021

Social Network

React, NodeJS, MongoDB

- Model View Controller model
- Restful API
- Asynchronous programming
- Dynamic pages, public and private route (react-router-dom)
- Real-time chat using Web-sockets
- MongoDB database (Mongoose ODM)
- Memorization and caching data
- Communication with the server via axios

Jul 2021

Tic-Tac-Toe Bot

Javascript

- Minimax algorithm with alpha-beta pruning

Jul 2021

2048

Javascript

- Designed User Interfaces using HTML & CSS & JS
- DOM tree manipulation

Jul 2021

N-body problem

Javascript

- Newton's equation of universal gravitation in action
- Canvas and block visualization

Jul 2021

Movie App

Javascript, NodeJS

- The Movie Database API testing
- Building REST APIs
- Pagination
- Responsible design

Jul 2020

Maze generation & solving algorithm

Python, Javascript

- Generator the maze using backtracking
- Algorithm finds the shortest path by implementing a breadth-first-search

COURSES

Oct 2020

HTML, CSS, and Javascript for Web Developers, Johns Hopkins University