

Olga Smirnova

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SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, Google Maps API, React Native, Figma

ACHIEVEMENTS

Hack for Africa: a Microsoft challenge - **Winner!** (as a part of a team)

[presentation](#) | [github](#)

- My Role: Frontend (React Native), UX/UI (interactive wireframe in Figma)

PROJECTS

Astra (Strava clone) (Ruby on Rails, JavaScript, React, Redux, CSS3, Webpack, PostgreSQL, Google Maps API) [live](#) | [github](#)

A website that allows user to create workouts and routes using Google Maps and Directions

- Implemented CRUD actions for custom routes and workouts using Active Record and PostgreSQL. Built association between users and workouts/routes. Nested index routes for workouts/routes.
- Utilized Google Maps and Directions API to provide a map that lets users create and update routes and dynamically calculate distance while adding/removing markers. Built a modal that pops up while saving/updating a route and allows the user to manually add description and route name
- Constructed user sign in and login pages where email and password are validated using database constraints and model validations

Travelling Salesman Problem (JavaScript, d3, CSS, HTML)

[live](#) | [github](#)

A webpage that visualizes different implementations of the travelling salesman problem

- Visualized time complexity and accuracy of different algorithms using SVG path and bar chart in d3
- Built and visualized adjacency matrix and minimum span tree implementing MST-DFS approximation algorithm
- Showed permutations as a naive and ineffective approach to solve the problem

SmartHat (JavaScript, React, HTML, CSS,)

[live](#) | [github](#)

A frontend only project that allows to search and compare NYC middle schools

- Fetches and manipulates data from several data sources (NYC open data API and Jsons).
- Allows users to filter, sort, select and compare schools. Uses modal to show the selected school.

Save the Date (JavaScript, React, Redux, HTML, CSS, Mongoose, MongoDB, Node.js, Express.js)

[live](#) | [github](#)

A group project that allows user to filter and choose date events searching map

- Used google-maps-react and Google Maps API to provide a map that shows events and lets users filter events manipulating with the map
- Created drag and drop feature that lets users add events to their cart in plain HTML and JS
- Built user sign in and login pages where email and password are validated using validator.js

EXPERIENCE

Architectural Designer

CallisonRTKL, New York City

Oct 2018 - Feb 2020

- Issued Design Development and Construction Documentation for renovation and new construction (avg. 40 000sf). Coordinated architectural with MEP and structural teams. Met every deadline for my projects.
- Ran weekly calls to coordinate the teams, track progress and address issues. Addressed DOB comments, reviewed submittals and responded to RFI. Built strong relationships with DOB reviewers to ensure we receive permits on time.
- Worked in numerous software, learned and utilized new software on the fly, taught coworkers software that I knew: REVIT, AutoCAD, SketchUp, Adobe Creative Suite, 3DMax + V-Ray.

Architectural Designer

O'Neil Langan Architects, New York City

March 2018 - Oct 2018

- Prepared Schematic Design and Construction Documentation using Autocad. Created and rendered Interior 3D models using 3DMax and V-Ray. Worked as a part of a team on international projects in Australia and New Zealand.

EDUCATION

Web Development - App Academy

Spring 2020

Immersive software development course with a focus on full-stack web development, which entailed 1000+ hours of coding.

Master of Architecture - Saint-Petersburg State University of Architecture and Civil Engineering, Saint-Petersburg, Russia