

Oleksandr Melnykov

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New York, NY

[Portfolio](#)

[Linkedin](#)

[Github](#)

Skills

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

Projects

Tonightbnb

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

JavaScript , React / Redux , Ruby on Rails , PostgreSQL , CSS3 , HTML5, AWS S3 , Heroku , Webpack ,

Tonightbnb is an Airbnb clone that connects hosts renting out space in their homes with guests seeking lodging.

- Ensured user privacy and autonomy through frontend and backend authentication measures and React Router, users can only interact with the spot (post reviews, book spots) when browser's session token matches session token in the database.
- Implemented a custom search feature using a redux, created a custom route that matches users' input to the names/locations of all spots.
- Connected the Rails back end to AWS S3 for media storage and organization, so the app only fetches the data that it needs to.
- Created each spot with precise latitude and longitude, then used Google Map API to map each spot to its the exact location

Ownprops dot match

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

JavaScript, Mongoose, MongoDB, ReactJS, Express, Redux, Node.js, jQuery, CSS , HTML5

Tinder-meets-pair programming service.

- Constructed the frontend using React-Redux combined with thunk middleware to send Axios requests to the MongoDB.
- Leveraged Webpack and Babel to ensure reliable uniform user experience across web browsers
- Created custom cards with Photoshop and CSS animation, using toggle class.

Guac-A-Mole

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

JavaScript, Vanilla JS, Webpack, CSS , HTML5

Clone of the popular arcade game Whack-A-Mole.

- Used setTimeout to have items appear on the screen at different speeds depending on difficulty.
- Added click-handler events to count the number of hits and misses.
- Deployed a canvas as a tool to rotate random guacamole ingredients for better UX.

Experience

Software Engineer | March 2018 - February 2020

New Lion Studio

- Collaborated with the project manager, designers to develop a single-page app using React/Redux, Rails, Bootstrap, CSS3
- Tested front-end code in multiple browsers to ensure cross-browser compatibility, implemented a lazy loading
- Prototyped an average of 20 new product features per year
- Boosted UX scores by 35% over company-wide previous best

Real Estate Agent | October 2016 - March 2018

CMRE

- Successfully leased a brand new 172 unit building within a year as a member of a five-person team.
- Used database reporting software - MLS database, National Association of Realtors Online Database.

Education

App Academy | Spring 2020 | New York, NY

Immersive software development course with a focus on full-stack web development

Donetsk State University of Economics and Trade | Summer 2014 | Donetsk, Ukraine

Bachelor's degree, Banking