DANIEL MECHENKO

(347) 840-1820 ◆ dmechenko@gmail.com ◆ **Website** ◆ **Github** ◆ **LinkedIn** ◆ NYC

SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, Rspec, AWS, Google Maps API, Capybara, Jasmine, Test-Driven Development (TDD), Object-Oriented Programming (OOP), Trello, Firebase, ERP, SaaS

PROJECTS

pickyEatr (MongoDB, Mongoose, Express.js, React, Redux, Node.js, Axios, HTML5, CSS3, Google Places API, Websockets) live | github
MERN stack application utilizing WebSockets and Google Places API that helps you and a friend decide what to eat.
- Leveraged Axios requests to Google Places API to retrieve, store, and display localized restaurant details and images.
- Integrated Socket.io to allow communication between server and client to create unique rooms for users.
- Designed server-side communication to send the host's restaurant list to the guest and accurately display the matched result, avoiding unnecessary Axios calls, resulting in optimal performance.
- Implemented a robust user authentication process using Validator and Yup schema builder API.

SnowBrawl   (Vanilla JavaScript, HTML Canvas, HTML5, CSS3)   live | github
JavaScript platform game.
- Designed mountain-themed minimalistic UI using CSS3 and HTML5 without compromising UX.
- Utilized JavaScript ES6 and Object-Oriented Programming for improved readability and DRY code.
- Implemented scalable object propagation speeds within game mechanics, increasing projectile speed and randomized spawns for more exciting gameplay and UX.

Scribble   (PostgreSQL, React, Redux, Ruby on Rails, React-Quill, HTML5, CSS3, Webpack, Babel)   live | github
Web application focused on note taking and organization.
- Managed user's items CRUD through custom database management system operations using ActiveRecord, PostgreSQL, and reusable modal-based forms.
- Applied customized design and functionality to the react-quill library for smooth user experience in rich-text editing.
- Extended rich-text-editing functionality by implementing auto-save and allowing images and videos with native JavaScript and React.
- Implemented customized React-Router components allowing seamless and intuitive navigation.

EXPERIENCE

Utilization Management Coordinator

Mount Sinai Hospital   Sept 2019 - June 2021
- Partnered with Executive Leadership to implement company-wide operational improvements aimed at increasing the hospital's performance, patient satisfaction, and reduced readmissions.
- Operated as Assistant Case Manager during the height of the pandemic, analyzing insurance claims, denials, and discharge appeals, distributing the results to internal and external Case Managers.
- Part of a pilot sepsis program, responsible for designing a patient information pamphlet and enrolling patients into the service which yielded a 20% reduction in readmission of sepsis patients.
- Achieved role-model level performance reviews and a STAR recognition award from the unit's Medical Director.

Home Health Aide

Effective Home Care/CarePro of Big Apple   Feb 2015 - Aug 2019
- Ensured quality physical and psychological care to patient, with consideration to individual needs.
- Managed logistics revolving around patient's itinerary and communicated with patient's insurance provider to ensure government benefits the patient is entitled to.

EDUCATION

App Academy - *Immersive full-stack software development course, which entailed 1000+ hours of coding.*   June - October 2021
CUNY Baruch College - B.B.A *Operations Research*   Jan 2014 - May 2019