

Mahmoud Younis ElHamalawy

SOFTWARE DEVELOPER

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Permanent Resident / Authorized to work in the US

SKILLS

Ruby	JavaScript	React.js	CSS3
Redux	Rails	HTML5	SCSS
jQuery	Git	SQL	RSpec

PORTFOLIO

Let's Code | Live

(Rails, React, Redux) | GitHub

Social platform utilizing single page application to connect programmers in one city. Built with Ruby on Rails and React.js.

- Developed entire website application that communicates with a RESTful API with JSON and uses object-oriented design.
- Combined ActiveRecord with PostgreSQL to create and RSVP to events using custom SQL queries.
- Built user authorization, including secured routing with Rails controller validation.
- Leveraged the Redux cycle with React to allow users to create events, in multiple cities, and dynamically edit the DOM using API calls.
- Adopted React lifecycle methods and Redux architecture to provide information on demand with minimal load time.

Mandala Mania | Live

(JavaScript, HTML5) | GitHub

A drawing app that applies rotational symmetry to create beautiful and playful art.

- Utilized Easel.js to easily manipulate the canvas element in the dom.
- Constructed a function to allow the creation of multiple lines at a time: coordinates are captured and multiple points are mirrored at various coordinates with intervals equal to the number of axes chosen.
- Designed a method which cycles brush colors on mouse click.

goFind! | Live

(React, HTML5) | GitHub

A React app employing Google API Places to manipulate searching for establishments.

- Built utilizing Google Maps JavaScript API, Google Places API, Google Distance Matrix API, and Google Directions API.
- Used Google API to integrate live autocomplete on typing.
- Introduced a method that draws the route between the user's current location and the chosen establishment.
- Coordinated the interaction between a list of results and dropped pins on the map element.

EXPERIENCE

Search Localization Engineer

2018 - 2019

QualiTest Group on-site at Google NYC : New York, NY

- Improve performance of Google Search and Google Assistant results by refining capability in various languages and locales, including Arabic: Egypt, Saudi, Lebanon, Syria, and Palestine.
- Improved search results coverage by creating test sets to train Google's machine learning algorithm.
- Perform tasks related to internationalization (i18n) of various Google Search and Google Assistant products, including testing, evaluation of test results in different languages, and streamlining of testing/evaluation processes to facilitate development and reduce time to deployment.
- Improved voice results coverage with significant impact by providing test sets and performing loss analysis.

Backend Technical Support

2014 - 2017

Sprint-NexTel: Daly City, CA

- Developed and implemented effective communication channels between Tech and Sales teams by using unidirectional emails and unifying email channels to reduce redundancy. Offered exceptional customer experience; awarded top tech over the western US district for 2 years consecutively.

EDUCATION

App Academy | San Francisco, CA
Graduate, 2017

Arab Academy for Science, Tech &
Maritime Transport | Egypt
Bachelor of Engineering, 2013

LANGUAGES

ENGLISH	Fluent
ARABIC	Fluent
FRENCH	Beginner