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# Jack Tawil

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## Education

<b>Flatiron School</b>	Brooklyn, NY
Full Stack Web Development Program; Access Scholarship	June 2020
<b>Brooklyn College, City University of New York</b>	Brooklyn, NY
B.S. Mathematics, Concentration in Applied Mathematics; Presidential Scholar	Jan 2020

## Technical Skills

**Languages:** Ruby, JavaScript, SQL, HTML, CSS

**Frameworks/Libraries:** React, Redux, Thunk, Rails, Sinatra, ActiveRecord, JWT

**Other:** Git, JSON

## Technical Projects

**Mnemonic Maker** Demo: [youtu.be/mRDLQNtoJXY](https://youtu.be/mRDLQNtoJXY) | Code: [Backend](#) / [Frontend](#)  
A React/Rails-based project that enables users to more easily remember phrases by using song lyrics.

- Scrapes the web for song lyrics and seeds data based on artist.
- Implements full user authorization and saves playlists and bookmarks.
- Utilizes Redux to create a global store and dispatch actions.
- Developed by means of pair programming via video chat.

**Jetgreen** Demo: [youtu.be/SIUZVVVib0g](https://youtu.be/SIUZVVVib0g) | Code: [Backend & Frontend](#)  
A Rails-based web application designed to help gate agents manage outbound flights.

- Utilizes Bcrypt gem to encrypt and verify a user's password.
- Incorporates Twilio messaging API to send passengers a notification via SMS text.
- Generates random seed data using Faker gem.

**COVID Tracker** Demo: [youtu.be/IVbZpYMkt3s](https://youtu.be/IVbZpYMkt3s) | Code: [Backend](#) / [Frontend](#)  
A React/Rails-based web application designed to display and query statistical COVID-related data.

- Each request is validated with a JWT token that's stored locally upon login.
- Handles JSON data from an external statistical COVID API.
- Features a live search field that updates in real time.

## Work Experience

**Tawil Entertainment** New York, NY  
Self-Employed Magician Jan 2015 – Jan 2020

- Entertained at private cocktail events with hundreds in attendance.
- Created custom-tailored routines and sets based on the type of crowd and venue.
- Grew a business by pure networking and word of mouth.

**Fantasma Magic** New York, NY  
Archivist, Graphic Design Artist, Salesperson June 2014 – Dec 2017

- Created a digital archive of several million dollars' worth of Houdini memorabilia.
- Produced many mock-up pre-production models and typeset manuals detailing each sets features.
- Managed inventory, sales, advertising, and demonstrating of products at company headquarters.