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Jack Tawil

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Education

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

Technical Skills

Languages: Ruby, JavaScript, SQL, HTML, CSS
Frameworks: Rails, React, Sinatra, ActiveRecord
Other: Git, JWT, JSON, React-Redux, FileMaker Pro

Technical Projects

Mnemonic Maker Demo: 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 | 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 | 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.