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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

Frameworks: Rails, React, Sinatra, ActiveRecord

Other: Git, JWT, JSON, React-Redux, Adobe Suite, 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.	
<ul style="list-style-type: none">• 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.	

Jetgreen	Demo: youtu.be/SIUZVVVib0g Code: Backend & Frontend
A Rails-based web application designed to help gate agents manage outbound flights.	
<ul style="list-style-type: none">• 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.	
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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.	