

Mohammad Khan

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Skills

HTML, CSS, JavaScript, jQuery, SASS, Bootstrap, Ruby, Sinatra, Rails, React

Web Development Projects

Spotify Analysis, Ruby on Rails/D3.js <https://spanalysis.herokuapp.com>

- Search Spotify users by ID and view their playlists' audio features metrics (danceability, energy, valence)
- Visualize playlist data using D3.js to create pie charts
- Utilize Server-side Spotify API calls to retrieve all data

Feelng, Ruby on Rails <https://feelng.herokuapp.com/>

- Discover content (event, poem, and music) based on given mood represented by an emoji
- Build database schema to save user's generated content
- Make Spotify client-side API calls to find and play a playlist matching the chosen mood

Rumblr, Sinatra <https://rumblr-momo.herokuapp.com/>

- Tumbr clone built on Sinatra
- Validate user signup and registration with ActiveRecord and sessions controller
- Develop database relations to give users the ability to tag posts and search by tags

Experience

Lead Instructor

All Star Code, New York

06/2019 – Present

- Deliver technical curriculum to 24 young men of color
- Lead project management for instructional team
- Evaluate and track quantitative and qualitative student progress

Student Lead Technician

Client Support, Stony Brook

01/2017 – 07/2018

- Train over 20 students in troubleshooting faculty/staff and student computer issues
- Lead IT support operations for the Administration faculty of over 100 people

Education

New York Code + Design Academy, New York, NY January 2019

Software Engineering Intensive Certificate

Data Structures Course, Computer Science Department, Stony Brook University

Principles of Database Systems Course, Computer Science Department, Stony Brook University

