

# Matthew Tessler

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Software Engineer NYC

## Education

August 2014 to May 2018

### New York University

Bachelor of Arts in Computer Science

### Relevant Coursework

Applied Internet Technology  
Large Scale Web Applications  
Computer Networks  
User Experience Design  
iOS Programming

## Skills

### Languages

JavaScript, Python

### Web Technologies

React.js, Redux, Node.js, MongoDB,  
Express.js, jQuery, Bootstrap, HTML and  
CSS

### Systems and Tools

Git, Webpack, Babel, Heroku, Unix/Linux

## Projects

Summer 2017

### Explore Spotify

#### React + Spotify API

Web app search engine for exploring audio features of tracks on Spotify. Server side with Node.js, Express.js. Data from Spotify API. Compiled with Webpack and Babel. Front end built with React.js and Bootstrap. Deployed on Heroku.

Fall 2016

### Bike NYC

#### Express + Google Maps API

Web app for Citi Bike riders to find and save stations. Server side with Node.js, Express.js, MongoDB. Client side with Handlebars.js, Google Maps API, Materialize.css. Deployed on Heroku.

## Work

July 2018 to August 2018

### Songtrust, Freelance Software Developer

Created Spotify Search Bar to expedite flow for estimating song's publishing royalties. Recovered thousands of leads by converting error-prone process of copy-and-pasting a link (1/3 lost!) to effortless search feature. Built with Spotify API, jQuery, AJAX, Express.js, and Heroku. Search bar is featured front-and-center on songtrust.com, creating hundreds of leads per day.

July 2017 to August 2017

### Stensul, Technical Intern

Coordinated with engineering and sales to streamline generating client usage reports through Stensul's email building platform. Built out web app with Express.js server, Vue.js client side, and MongoDB native driver.

September 2016 to June 2017

### NYU Courant Institute, Python Tutor

Guided hundreds of students through fundamental concepts of programming using Python. Acted as a mentor and available expert through planning, building, and debugging assignments, as well as exam review.

September 2016 to November 2016

### Mango Concept, Web Development Intern

Collaborated with web developers and UX designers building client websites with WordPress. Wrote HTML and CSS within CMS to develop sections of pages.

September 2015 to May 2016

### Washington Square News, Digital Director

Headed digital team in transition to online-first publication on WordPress. Capitalized on technology, increased traffic to over 100,000 visitors per month.