

Matthew Tessler

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Education:

New York University, May 2018

College of Arts and Science, 3.1/4.0 GPA

Bachelor of Arts in Computer Science

Relevant Coursework:

Computer Networks, Large Scale Web Applications

Applied Internet Technology, iOS Programming

Operating Systems, Computer Systems Organization

Data Structures, Basic Algorithms

User Experience Design

Spring '18: *Software Engineering, Interactive Computing*

Technical Skills:

Languages:

JavaScript, Python, Java, C, HTML, CSS, X86-64 Assembly, Objective-C, Swift

Systems and Tools:

Node.js, Express.js, React.js, Webpack, Babel, Handlebars.js, MongoDB, Heroku, Amazon EC2, Bootstrap, WordPress, UNIX/Linux, GitHub, Agile

Projects:

All code and documentation for my projects are available on my website and GitHub profile.

Explore Spotify (*React + Spotify API*)

Personal Project (explore-spotify.herokuapp.com)

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, designed with Bootstrap.

Deployed on Heroku. **Code available on GitHub.**

Bike NYC (*Express + Google Maps API*)

School Project (bike-nyc.herokuapp.com)

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.

Code available on GitHub.

Work Experience:

Technical Intern

Stensul (stensul.com)

July 2017 to August 2017

I headed the project to build a web app for the Stensul team. Coordinating with engineering and sales, I designed the tool to streamline generating client usage reports of Stensul's email building platform. I built the web app with an **Express.js** server, **Vue.js** client side, and **MongoDB** native driver to deliver data to the user.

Python Tutor

NYU Courant Institute

September 2016 to June 2017

I guided students, during in-class lab sessions and one-on-one tutoring hours, through fundamental concepts of programming using the **Python** programming language. I was a mentor and available expert through planning, building and debugging assignments, as well as exam review.

Web Development Intern

Mango Concept (mangoconcept.com)

September 2016 to November 2016

I collaborated with web developers and UX designers building websites with **WordPress**. We crafted the UX experience and interactive design of web apps around user and client feedback. I utilized **HTML** and **CSS** in concert with the WordPress backend client to develop sections of apps during the construction of sites.

Marketing and Sales Intern

FanBridge (fanbridge.com)

September 2015 to December 2015

I worked alongside the Marketing and Sales Team at FanBridge, researching potential clients and organizing vital information through Google Sheets. Additionally, I created social media content to advertise the company's assets to content creators, and I brainstormed with the team on how to create growth opportunities using the company's proprietary analytics.