Matthew Tessler

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Education:

New York University (May 2018)
College of Arts and Science
Bachelor of Arts in Computer Science

Relevant Coursework:
Operating Systems, Computer Systems Organization
Applied Internet Technology, iOS Programming
Data Structures, Basic Algorithms
User Experience Design
Discrete Math, Calculus I and II
Fall 2017: Computer Networks, Large Scale Web Apps

Technical Skills:

Languages:
Python, Java, C, JavaScript/Node.js, HTML, CSS, X86-64 Assembly, Objective-C, Swift

Systems and Tools:
Express.js, React.js, Webpack, Babel, Handlebars.js, MongoDB, Heroku, Bootstrap, WordPress, UNIX/Linux, Google Maps API/SDK, Atom, GitHub

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 reports from MongoDB of client usage 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.