

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

Led project to build web app for the Stensul team. Built out platform with an **Express.js** server, **Vue.js** client side framework, and **MongoDB** native driver to deliver data to the user. Coordinated with engineering and sales to streamline generating client usage reports through Stensul's email building platform.

Python Tutor

NYU Courant Institute

September 2016 to June 2017

Guided **hundreds** of students, during in-class lab sessions and one-on-one tutoring hours, through fundamental concepts of programming using the **Python** programming language. Acted as 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

Collaborated with web developers and UX designers building client websites with **WordPress**. Integrated user and client feedback to craft best user experience for each website. Wrote **HTML** and **CSS** within **WordPress** backend CMS to develop sections of pages during the construction of sites.

Digital Director

Washington Square News (nyunews.com)

December 2015 to May 2016

Headed digital team of NYU's independent student newspaper as we transitioned to an on-line-first publication strategy on **WordPress**. Partnered with management team in developing new strategies for desks to capitalize on technology to improve readers' experiences. Increased our traffic to over **100,000 visitors per month**.