

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: 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

online-first publication strategy on **WordPress**.

Partnered with management team to develop new

strategies for desks to capitalize on technology to

improve readers' experiences. Increased traffic to

over 100,000 visitors per month.