

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**.

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**.

Work Experience

Technical Intern

Stensul

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

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

September 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**.