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 in developing new strategies for desks to capitalize on technology to improve readers' experiences. Increased our traffic to over 100,000 visitors per month.