Matthew Tessler

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Education:

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

Relevant Coursework:
Operating Systems
Applied Internet Technology, iOS Programming
Computer Systems Organization
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:
UNIX/Linux, Express.js, Vue.js, Handlebars.js, Pug.js, MongoDB, Heroku, Boostrap, Wordpress, Google Maps API/SDK, Atom, GitHub

Projects:
All code and documentation for my projects are available on my website and GitHub profile.

Spotify Audio Features Explorer
Personal Project
A search engine web app for exploring the audio features of tracks on Spotify. Server side with Node.js, Express.js. Client side with Pug.js, Spotify API serving data, Bootstrap for design. Deployed on Heroku.
Code available on GitHub.

Bike NYC (bike-nyc.herokuapp.com)
Applied Internet Technology Final Project
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:

Software Engineering Intern
Stensul (stensul.com)
July 2017 to Present
I am working with the VP of Engineering and the Sales team to build an internal web app for Stensul. The Node.js app will serve as an interface where the team can view reports about client usage of their platform. The Express.js web app accesses data stored in MongoDB. Client side is built with Vue.js and designed with Bootstrap.

Python Tutor
NYU Courant Institute of Mathematical Sciences
September 2016 to June 2017
I guide students, during in-class lab sessions and one-on-one tutoring hours, through fundamental concepts of programming using the Python programming language. I am 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.