Matthew Tessler

914 486 7151 • matthewtessler@nyu.edu • New York, NY

matthewtessler.com • github.com/matthewtessler • linkedin.com/in/matthewtessler

Education:

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

Relevant Coursework:
Operating Systems
Applied Internet Technology
Computer Systems Organization
Data Structures
User Experience Design
Discrete Math, Calculus I and II
Spring 2017: Basic Algorithms, iOS Programming

Technical Skills:

Languages:
Java, Python, C, Javascript, HTML, CSS, X86-64 Assembly

Tools:
Node.js, Express.js, Handlebars.js, MongoDB, Heroku, Wordpress, Google Maps API, GitHub, Sublime Text, Eclipse, IDLE, Google Drive, Marvel

Operating Systems:
UNIX/Linux, MacOS, Windows, iOS, Android

Projects:

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 Express.js, MongoDB. Client side with Handlebars.js, Google Maps API, Materialize.css. Deployed on Heroku.
Code available on GitHub.

Demand Paging Lab
Operating Systems Project
Program written in Java simulates demand paging, generating memory references to calculate page faults dependent on page size, process size, machine size, replacement algorithm inputs.
Code available on GitHub.

Work Experience:

Python Tutor
NYU Courant Institute of Mathematical Sciences
September 2016 to Present
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.

Digital Director
Washington Square News (nyunews.com)
December 2015 to May 2016
I led the digital team of WSN as we transitioned to an online-first publication strategy on Wordpress. I worked alongside the management team developing new strategies for desks to utilize technology to improve readers' experiences. We increased our traffic to over 100,000 visitors per month.

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.