

Matthew Tessler

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Education:

New York University (May 2018)

College of Arts and Science

B.A. in Computer Science, Mathematics Minor

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, Linear Algebra, 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 December 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.