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: Objected Oriented Programming, Large Scale Web Apps

Technical Skills:

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

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 pag-
ing, 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 pro-
gramming 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 de-
signers 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 Word-
press 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 Word-
press. 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 con-
tent 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.