

# Stephon Nixon

## Junior Developer

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## Skills

Octave, HTML5, CSS3, Bootstrap, SQL, R, Python, Photoshop CC, Illustrator CC, Excel Macros, Django, Facebook Analytics, Google Double Click Manager, Google Bid Manager, Integral Ad Science, Videology, Twitter Analytics, Matplotlib, Pandas

## Education

The Knowledge House  
(16-Week Python Course)

CUNY Borough of Manhattan  
Community College  
(Computer Science-12 College Credits)  
Valley Central High School

## Additional Interests

Calisthenics & Fitness, Anime, Manga, Classical Music, Reading, Yoga

## Summary

I am a solution-oriented and self-motivated individual seeking a position dealing with data, specifically machine learning. I want to offer and broaden my skills, knowledge, and craft as a data science enthusiast

## Experience

### *Technical Data Analyst, Viacom*

New York, NY | January 2017- Present

- Develop a series of scripts that automates the creation of combined raw data files, used for making pivot tables in Excel allowing Analysts to operate more efficiently
  - Each show has it's own folder, with reports pulled from 2-10 different data sources, which the program asks the user whether a raw data file should be created for or not.
  - Each data source's file is differentiated based on the file name, allowing the corresponding script to run.
  - Making use of the pandas library, each file is read & the necessary data is placed into a dataframe. Each dataframe is returned to a list to be aggregated.
  - Once the program finishes acquiring the data from each file within the folder it is working on. It finally aggregates all the data into one master file. Making use of simple python, the program uses user input to name the aggregated file.
- Create and download reports from 2-10 different platforms, such as Facebook Analytics, DoubleClick Manager, Integral Ad Science, etc. .
- Create pivot tables using Microsoft Excel to analyze the data for accuracy .

### *Data Scientist, Duro UAS*

Harlem, NY | July 2016- December 2016

- Use programming to go through data about NY water quality & pull data specifically about the Bronx River, plotting the data then finally do research to find a reason behind the trends in the data
  - Using the library pandas I clean up the data, then place it in a dataframe
  - After the data has been prepared, making use of the matplotlib library, I take the data and plot it using the "ggplot" style

### *Student Python Developer, The Knowledge House*

Bronx, NY | March 2016- February 2017

- Develop a program that uses the urllib library to screen stocks in the NYSE, AMEX & Russell 3000
  - Scrapes the yahoo stocks webpage using urllib2
  - With the use of an algorithm, it finds and displays certain pertaining to the stocks that met the requirements
- Creating a program that downloads mangas straight to your computer
  - Creates and changes directories based on user input using the os library
  - Scrapes the website with the use of BeautifulSoup & urllib2
  - When the wanted manga is found, the requests library saves each page