

# Sriniketh Vijayaraghavan

Computer Engineer/Data Scientist

## Address

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## Web & Git

LinkedIn.com/in/rybo449  
github.com/rybo449  
cookatour.com

## Programming

ADVANCED

Python, R, C/C++,  
SQL, APIs, Django,  
MATLAB, Weka

PROFICIENT

HTML, PHP, CSS,  
Wordpress, d3.js,  
Tableau, OpenCV, Git,  
Shell, Latex, ArcGIS,  
Mahout, Flask

BASIC

Javascript, Hadoop,  
Big Data, Octave, Java

## OS Preference

GNU/Linux ★★★★★

Unix ★★★★★

MacOS ★★★★★

Windows ★★★★★

## Internships & Experience

### 05/15 - 08/15 Data Science Fellow

Buzzfeed Inc., New York, NY

Working on analyzing viral content online. Conducting behavioral analysis and feature extraction on BuzzFeed posts. Building the entire distributed API for BuzzFeed from scratch using the Django REST Framework.

### 10/14 - 05/15 Graduate Research Assistant

New York University

Working with Dr. Arun Sundararajan on the Social Cities Initiative. The aim of this project is to determine, using Twitter and Instagram, the location of users. With this big data we try and separate the tourists and residents of New York City, and find features which help with this clustering.

### 09/14 - 12/14 Python Tutor

New York University

Was the Python tutor for NYU. Covered topics such as list/dictionary/string manipulations, data structures, data visualization and modeling techniques including linear regression and supervised learning. Also taught relational algebra and SQL for beginners during the same period.

### 04/13 - 07/13 Summer Research Fellowship

Indian Academy of Science, Bangalore

Worked on computing efficiency of complex networks at the Supercomputer Education & Research Center at the Indian Institute of Science, Bangalore.

## Education

### 2014 - 2015 Master's Candidate in Informatics

NYU, Center for Urban Science + Progress

Main subjects: Applied Data Science, Urban Informatics, Web Search Engines, Applied Statistical Modeling & Inference and Data Mining for Business Analytics.

### 2010 - 2014 B.Tech in Computer Engineering

National Institute of Technology Karnataka, India

Main subjects: Design & Analysis of Algorithms, Databases, Operating Systems, Social Network Analysis, Distributed Databases and Data Structures.  
*Title of the Thesis: "Campaign Propagation in Social Networks".*

## Project Work

### 04/15 - Now Using Social Media to Predict Urban Transportation

NYU, CUSP

This project, in partnership with the NYC Taxi and Limousine Commission, will use urban social media data in order to predict and efficiently allocate taxis in New York to handle demand spikes during rush hour.

### 02/15-03/15 Recommender System for the NYC Business Atlas

NYU CUSP

Used Matrix Factorization/Collaborative Filtering and Euclidean Distance to determine the best places to start small businesses. Data sources included Yelp and Google Places API.

### 03/15-Now Travel Search Engine

Courant Institute of Mathematical Sciences, NYU

Day Trip planner and Pub Crawl with a collaborative filtering based recommendation. Visit cookatour.com for the demo.

### 12/13-04/14 Dynamic Pricing of Products Using Social Networks

Independent Project

Determining the optimal pricing of a product for each of the users embedded in a social network with dynamic changes in network influence.