JPC

Jonathan P Campbell

Technical Skills

Statistical Analysis
R, SPSS, Python
SAS & Excel

Data Visualization
R, Python, Tableau
JavaScript (D3)
HTML & CSS

Spatial Analysis
QGIS, R, Geoda
& SaTScan

Contact Information

in linkedin.com/in/jpcsoup
✉ jpc2188@columbia.edu
☎ (630) 805-3883
○ jpcsoup

Education

Columbia University in the City of New York

School of International & Public Affairs (2)
Graduate Teaching Assistant

+ Teach the basics of data analysis using SPSS to a class of 50 EMPA students
+ Design and instruct a two hour computer lab, comprised of a short lecture and interactive lab
+ Grade completed labs and provide feedback through individual write-ups and office hour appointments

QMSS Program
Master's of Arts Candidate in Applied Statistics (4)

Thesis Research
+ Evaluating the contagion model of news dissemination through a survival analysis of retweets of news assets
+ Collect data using the Twitter API and cloud based noSQL database for storage
+ Apply network graphs to locate common paths of news spread

Coursework
Data Analysis | Data Visualization
Social Network Analysis | Modeling Social Data
GIS & Spatial Analysis | Survey Design and Analysis
Data Mining for the Social Sciences
Regressions Analysis of Temporal Processes
Statistical Machine Learning

George Washington University - CCAS

Double Degree Recipient - Cum Laude
BS in Statistics & BA in Political Science (7)
Coursework
Linear Algebra | Multivariable Calculus
Mathematical Statistics
Business and Economic Statistics
Regression Analysis | Analysis of Variance
Introduction to Sampling
Applied Time Series Analysis
Public Opinion | Media & Politics

Experience

CBS Interactive

Business Intelligence Analyst - CBSSports (1)
+ Creating a visualization dashboard to compare the load times of CBSSports pages to those of competitiors using SQL, R, and Tableau.

Master's Business Intelligence Intern (3)
+ Investigated the virality of CBSNews assets on social media sites by applying density clustering algorithms for virality classifications and further analysis regarding rate of shares
+ Monitored A|B testing eperiment analyzing customer engagement
+ Pulled and aggregated data from multiple databases through the use of reporting tools such as Omniture, SQL queries, and noSQL python scripting

Kellogg, Huber, Hansen, Todd, Evans & Figel PLLC

Legal Assistant (5)
+ Constructed relational databases in order to manage and analyze case data
+ Created tools in order to increase efficiency and expedite creation of time-sensitive work product through use of merge codes, formulas, and queries
+ Coordinated large scale projects among peers, support departments, and attorneys in a deadline oriented environment to allow for progress review and to ensure proper and timely project completion

GW Summer and Conference Housing

Lead Summer Assistant (6)
+ Interviewed, hired, and trained a staff of 32 Summer Assistants in preparation for the $13.4 million summer business season
+ Managed drafting and editing of contracts, updating reservation records, billing, and collections
+ Managed Summer Assistants through supervision of sensitive customer service issues or disputes between clients and multiple GW departments