

Swati Dontamsetti

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CAREER SUMMARY

Data analyst with a background in English-Language Arts Education with skills in VBA, HTML-CSS-JavaScript, Python, and SQL from Rutgers University's Data Science Bootcamp. Driven and curious lifelong learner with a passion for telling clear and concise stories about the world by mining large sets of structured, semi-structured, and raw data in order to work collaboratively to affect meaningful change.

PROJECTS

FortunED Education ROI App

June – July 2020

- Built a Flask app that provides analytics for prospective and current college students, and their parents, on the return on investment when considering majors, careers, and student loans for a college education.
- Utilized Excel mapping tables, Beautiful Soup, and Python to scrap, clean, and merge the data.
- Created a Mongo database to hold the cleaned dataset that would populate the HTML webpage.
- Incorporated Bootstrap, D3.js, and Chart.js to visualize the data.
- Initiated an Excel append feature that automatically saves user data in order to build a Tableau dashboard.

COVID-19 NY Demographic Analysis

May – Jun 2020

- Built a Flask app that represents COVID-19 cases in NY with a breakdown of each county's demographics.
- Utilized VBA and PostgreSQL to clean and join numerous individual data sets.
- Created a Mongo database to hold the cleaned dataset that would populate the HTML webpage.
- Utilized Mapbox API, Leaflet.js, and Chart.js to visualize the analysis.

COVID-19 Job Market Analysis

Apr 2020

- Built a Flask app to visualize and analyze COVID-19 cases and the US job market for data science.
- Utilized Beautiful Soup, the Pandas library, and Python to scrape and clean data from Indeed.com.
- Loaded the data into a Mongo database to populate the Bootstrap-beautified HTML webpage.

SKILLS

Programming: Proficient in Bash, Git, Python, VBA, HTML-CSS-JavaScript; familiar with R

Tools: Proficient in Microsoft Excel, PostgreSQL; familiar with Tableau, Google Cloud Platform, AWS

Libraries: Proficient in Pandas, NumPy, MySQL, Beautiful Soup, MongoDB; familiar with D3.js, Leaflet.js

PUBLICATIONS

Dontamsetti, Swati. "Queering the English Canon."
The New Jersey English Journal. Spring
2017. Web. <[link](#)>.

Dontamsetti, Swati. "Letter from Swati
Dontamsetti." TAPinto. Edison Democrats
2015, 2 Nov. 2015. Web. <[link](#)>.

WORK EXPERIENCE

Language Arts Teacher, Soehl Middle School, Linden, NJ

Sep 2017 – Nov 2019

- Effectively managed multiple classrooms of 25+ students; created, differentiated, and taught lesson plans that are in line with statewide curriculum objectives and student testing data.
- Collaborated with the Literacy Coach to create more focused lessons with the most up-to-date teaching techniques for my students.
- Participated in professional development seminars to continue to improve my practice.

EDUCATION

Rutgers University & Trilogy Education

Jersey City, NJ

Certificate in Data Science

Jul 2020

Coursework: Advanced Excel, Fundamental Statistics, Python Programming, Databases, Front-End Web

Visualization, Business Intelligence Software

Rutgers, The State University of New Jersey

New Brunswick, NJ

Master of Education in English-Language Arts; Summa Cum Laude

May 2017

Bachelor of Arts in English, Minor in Women's and Gender Studies

May 2016

Accolades: Sigma Tau Delta International English Honor Society, Dean's List Fall 2014 – Spring 2016