

STEPHEN IANNO

DATA SCIENTIST

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 LINKEDIN/IN/STEPHEN-IANNO

EXPERTISE



PYTHON

PANDAS

NUMPY

SCIKIT-LEARN

BEAUTIFUL SOUP

SELENIUM

KERAS

VISUALIZATION

MATPLOTLIB

SEABORN

BOKEH

FLASK

HTML AND CSS

D3.JS

MACHINE LEARNING

REGRESSION

CLASSIFICATION

NATURAL LANGUAGE PROCESSING

NEURAL NET

DATABASES

POSTGRES SQL

MONGODB



EXPERIENCE

DATA SCIENTIST

NEW YORK, NY | JULY 2020 - PRESENT

METIS

Completed a 12-week immersive data science bootcamp in order to develop skills with data wrangling, data scraping, machine learning, statistical modeling, visualization of results and communication of findings. Project highlights include:

Machine Art: Generating Images through a Convolutional Neural Net:

- Scraped 14,000+ images from Pinterest, Ads of the World, and MoMA with Selenium and BeautifulSoup
- Constructed and trained an Autoencoder to encode and decode images
- Clustered and aggregated encoded images to create new images

Deep Dive into Congressional Activity through NLP:

- Scraped all 15,000+ House Bills written in past four years
- Identified fifteen accurate topic models to categorize each bill
- Designed Flask app involving interactive visuals with Bokeh and D3.js to clearly communicate congressional activity

Evaluating Quarterback Performance through Win Prediction:

- Scraped statistics for every NFL game played in the past five seasons
- Fitted logistic regression model to predict win/loss from QB performance
- Created Flask app to visualize QB's ability to consistently put team in a position to win games

SCIENCE TEACHER

BUCHAREST, ROMANIA | SEP 2013 - JUN 2020

BUCHAREST CHRISTIAN ACADEMY

- Comprehensively delivered lectures and instruction while providing feedback to secondary students
- Developed and instructed hands-on lessons to engage students in foreign scientific concepts
- Involved a diverse array of students in differentiated learning to meet the individual needs of pupils.

ENGLISH TEACHER

BUCHAREST, ROMANIA | APR 2019 - JUN 2020

IH BUCHAREST

- Conducted discussion in English with non-native speakers across a wide array of subjects
- Corrected student errors and reinforced proper pronunciation and grammar in spoken English
- Encouraged and built confidence in students' speaking abilities



EDUCATION

B.A. PHYSICS, MINOR IN MATHEMATICS

WHEATON COLLEGE, IL 2012

Related Coursework: Quantum Mechanics, Electromagnetic Theory, Modern Science Skills Lab, Thermal Physics & Fluids, Plasma Physics, Vector Calculus, Differential Equations, Linear Algebra

CELTA

ITI ISTANBUL, TURKEY 2016

Taught lessons to ESL students at both elementary and intermediate levels with attention to reading, listening, speaking, grammar, writing, phonology, and lexis