DUSTIN STEWART

dustintaystewart@gmail.com | New York, NY | (714) 944-1746
linkedin.com/in/stewart-dustin | dustin-stew.github.io | github.com/dustin-stew

I am a Data Scientist based in NY that specializes in creating & managing **data pipelines**. I use **automation, machine learning, & compelling visualizations** to deliver solutions through data. In addition to being a data scientist, the scope of my professional & educational experience encompasses marketing, finance, & event management in markets including Paris, LA & NY.

SKILLS

Programming Knowledge: Python, Pandas, SQL, Tableau, AWS, TensorFlow, Keras, PySpark, MatPlotLib, Git, Scikit-learn, Snowflake, BeautifulSoup, Selenium, Azure, JavaScript, Hadoop
Conceptual: Machine Learning, Web Scraping, ETLs, Natural Language Processing, Neural Networks, Times Series Modeling, Bayesian Statistics, REST APIs, Dashboarding, KPI's

PROJECTS

Mental Health Diagnoses Using Natural Language Processing
- Built a machine learning model that uses **NLP** to classify the language of those with depression vs. those with bipolar disorder, achieving a 9.5% increase in recall over the industry standard
- Working with other data scientists to expand to other psychiatric disorders

Drowsiness Detection Using Neural Network & Computer Vision
- Trained a **Convolutional Neural Network** on 30,000+ images to detect eye state
- Created an application using the CNN model that detects if a user is "asleep" and alerts them

Using Machine Learning to Predict Footballer Performance
- **Used Selenium, Python, and Pandas to create a data pipeline** for 4000+ footballers
- Developed a machine learning model that predicts a player's average goal involvements per match over the next two years based on historical player, club, and league data

WORK EXPERIENCE

Analytics Consultant – New York, NY   March 2020—Present
- Ran a marketing/data analytics service to help businesses in New York and Los Angeles to remain solvent during the Coronavirus pandemic, using a pay-what-you-can system
- Analyzed social data to develop plans for companies to increase sales by up to 40% with a minimal budget

Event Manager & Marketer – Fun Zone Boat Company   May 2018—March 2020
- Coordinated company marketing strategy that resulted in a 36% sales increase for 2019
- Planned and managed 2-8 large group events each week

Digital Marketing Intern – Warner Records   December 2016—May 2017
- Helped strategize and execute digital marketing plans for a diverse roster of artists including Gorillaz, Dua Lipa, Neil Young, and Jason Derulo
- Managed artist websites, social media handles, and digital promotions

EDUCATION

The University of Southern California – BS – Business Administration   Los Angeles, CA
General Assembly – Data Science Immersive Program   New York, NY

INVOLVEMENT & INTERESTS

Omega Psi Sigma Honors Society – Treasurer

Interests: Liverpool FC, film, international relations, Bruce Springsteen, Brit pop, volleyball