Andy Friedman

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Skills

Programming & Databases: Python, R, Git/GitHub, SQL, AWS
Packages: Scikit-Learn, Pandas, NumPy, SciPy, Matplotlib, Seaborn, BeautifulSoup, NLTK, TensorFlow/Keras
Data Management: HTML, CSS, Excel, Word, Google Docs

Experience

Data Science Fellow   04/2018 - 07/2018
General Assembly, New York, NY
- Attended General Assembly's Data Science Immersive (DSI), a 12-week training program providing a deep dive into the world of data science
- Acquired skills to analyze, predict, and convey data-driven facts from large data sets
- Selected Projects:
  - Personnel and Billboard Charts: Predicting Billboard chart position
    - Wrote custom Python scripts to scrape, format and compile data from multiple sources
    - Used Natural Language Processing to parse text into quantitative data
  - West Nile Virus: Predicting West Nile Virus across Chicago
    - Used SMOTE and related methods to adjust for unbalanced classes, as well as diverse statistics to score models accordingly
    - Utilized rolling means and centroid distances to account for spatiotemporal aspect of data
  - Ames Housing Prices: Predicting housing prices in Ames, Iowa
    - Conducted extensive statistical analysis to optimize model parameters and choose features
    - Automated data cleaning and model testing using bespoke external Python scripts

Instructor   2017 - Present
Building Beats, Brooklyn, NY
- In partnership with the SIMBA academy, teach weekly music classes to at-risk high school students
- Planned and oversaw the creation and release of a full-length album in June 2018

Contributing Writer   2012 - 2018
Multiple Platforms/Publications, Brooklyn, NY
- Contributed 100+ articles to ***Noisey/Vice*** (600k monthly readers)
- Contributed 30+ pieces to ***FACT*** (1.5M monthly readers), including long-form, extensively reported articles
- Fostered relationships with artists and other industry contacts to maintain access
- Conducted research to find stories and fact-check in-depth reporting

DJ and Promoter   2005 - 2015
Brooklyn, NY and Philadelphia, PA
- Planned and promoted 200+ events, played 500+ events in 50 markets in three countries
- Collaborated with brands such as Pabst and Scion and labels such as Mad Decent and Tommy Boy
- Negotiated contracts, payment and travel
- Maintained a diverse knowledge of club music to cater to a wide range of crowds

Education

B.S. in Biology   2004
Washington University, St. Louis, MO
- In addition to foundational courses in molecular biology and organic chemistry, also studied bioorganic chemistry, biostatistics, evolutionary theory and avian biology