NICK HORTON

PYTHON DEVELOPER

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in nicholaschorton
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Recent graduate of Metis, an accredited 12-week data science bootcamp. I have a strong work ethic and genuinely enjoy collaborating with others.

Skills

LANGUAGES
Python
Javascript

LIBRARIES
PyTorch
TensorFlow
NumPy
Pandas
OpenCV
Streamlit
Keras
scikit-learn
BeautifulSoup
Selenium

MACHINE LEARNING TECHNIQUES
Linear Regression
Classification
Natural Language Processing
Convolutional Neural Networks
Clustering
Dimensionality Reduction

DATA VISUALIZATION
Matplotlib
Seaborn
Tableau

CLOUD / DATA STORAGE
PostgreSQL
Google Cloud Platform
AWS
MongoDB

Experience

Metis
Data Scientist
San Francisco, CA
June 2020 to Sept. 2020

Completed an intensive 12 week accredited data science bootcamp. Selected projects include:

Creating Images with Generative Adversarial Networks
-Created web apps for:
   -Face swap
   -Style Transfer
   -StyleGAN Encoding
These apps use OpenCV to detect faces; PyTorch and Tensorflow to generate optimized images according to style and content loss functions; and Streamlit for a simple, effective user interface.

Predicting Movie Sales from Metacritic Reviews
-Used BeautifulSoup and Selenium to scrape movie data from BoxOfficeMojo and Metacritic
-Used classification algorithms including Random Forest, XGBoost, and Logistic Regression to predict a movie's box office sales based on Metacritic review scores

Using NLP to Analyze Reddit Comments
-Used Natural Language Processing tools including Spacy, Gensim, Textblob, and Word2Vec for:
   -Sentiment analysis
   -Word embeddings
   -Topic modeling with Latent Dirichlet Allocation
   -Alternative topic modeling with K-Means clustering

Party Staff
Lead Server
San Francisco, CA
Apr. 2019 to Mar. 2020

Food server at various catered events in the Bay Area. Promoted to lead server; responsible for signing in staff at events and filling out a report after each event.

Qualcomm
Technical Writer
San Diego, CA
June 2014 to Sept. 2014

Contracted technical writer. Edited documents for clarity and presentation, consulting with software engineers for verification when necessary.

Target Solutions
Content Editor
Rancho Bernardo, CA
Summer 2012 to Summer 2013

Edited, developed, and organized online content for public safety certifications.

San Dieguito Union High School District
Tutor
Encinitas, CA
Aug. 2010 to Apr. 2012

In-school tutor for middle and high school students. Worked with at-risk students in an intervention program. Successfully walked a fine line of maintaining discipline while remaining approachable and supportive.

Education

University of California, Santa Barbara
Bachelor of Arts Anthropology 2016