

NICK HORTON

STUDENT

✉ nhorton04@gmail.com
☎ (760) 419 - 3280
📍 Oakland, CA 94605
in nicholaschorton
🌐 nhorton04

I am a recent graduate of Metis, an accredited 12-week data science bootcamp. I'm a hard worker, and always curious to learn more. I'm excited to get to work at my first data science position.

Skills

LANGUAGES

Python
Javascript
Ruby

LIBRARIES

PyTorch
TensorFlow
NumPy
Pandas
OpenCV
Streamlit
Keras
scikit-learn
Selenium

MACHINE LEARNING TECHNIQUES

Linear Regression
Classification
Natural Language Processing
Convolutional Neural Networks
Clustering
Dimensionality Reduction
Generative Adversarial Networks

DATA VISUALIZATION

Matplotlib
Seaborn
Tableau

CLOUD / DATA STORAGE

PostgreSQL
Google Cloud Platform
AWS

Experience

Metis

San Francisco, CA

Data Scientist

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 a mix of Streamlit, OpenCV, PyTorch, and Tensorflow to detect faces and generate optimized images according to style and content loss functions.

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 to:
 - Perform sentiment analysis
 - Create word embeddings
 - Perform topic modeling using Latent Dirichlet Allocation
 - Use K-Means clustering as an alternative method of topic modeling

Party Staff

San Francisco, CA

Lead Server

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

San Diego, CA

Technical Writer

Summer 2014 to Summer 2014, Summer 2014 to Summer 2014

Worked as a contracted technical writer at Qualcomm, Inc over the summer of 2014 before returning to school. Edited documents for clarity and presentation, consulting with software engineers for verification when necessary.

Target Solutions

San Diego, CA

Technical Writer

Summer 2012 to Summer 2013

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

Education

University of California, Santa Barbara

Bachelor of Arts Anthropology 2016