DAVID KORTY

DATA SCIENTIST

- ✉ david_korty@outlook.com
- ☎ +1 973-970-8049
- ⚲ 152 Notch Road, Clifton, New Jersey, 07013
- in /in/korty-david-b8468712a/
- ⌂ Korty

SKILLS

TECHNOLOGY

Python
JavaScript
SQL
GIT
Tableau
h2o
RapidMiner
Excel
HTML / 5
CSS
Photoshop
Lightroom
Illustrator
AWS Lambda
AWS Cloudwatch
AWS API Gateway
R (programming lang)
Advertising
Marketing
Heroku
SendGrid

PYTHON CODING LIBRARIES

Numpy
Pandas
Matplotlib
XGBoost
LightGBM
skLearn
PyTorch
NTLK
WordCloud
Spacy
BeautifulSoup
PIL
GoogleNewsAPI
Tweeter
Tensorflow
fast.ai
Flask
Django

MODEL CAPABILITIES

Regression
Classification
Deep Learning
Neural Networks
Elastic Search
SVM
Decision Forests
Clustering
NLP

EDUCATION

New Jersey Institute of Technology   Sept. 2014 to Dec. 2018
B.S. Business Information Systems 2018

Universita degli Siena
B.S. Economics 2017
One semester spent abroad in Siena, Italy

EMPLOYMENT

Capgemini   Greater NYC Area
Data Scientist   Jan. 2019 to Current

Internal Work:
- Won an internal global competition pertaining to creating a new business pursuit revolving around IoT "Internet of Things" and the application for Capgemini's future
- Have then started to lead, develop, and manage the ongoing process of initializing the drafted idea into an actual product at Capgemini
- Member of Capgemini's Young Professional community to help with environmental sustainability and networking
- Competed in multiple Kaggle competitions reaching as high as top 10%
- Joined a newly established division of Capgemini as a founding members

Client Work:
- Led BA role to organize project scope, timeline, progression, and environment management from development through production
- Built an automated file processing tool to dissect, parse, clean, and re-input data for insurance practice standards
- Created multiple REST API's through various libraries such as Flask, Django, and AWS EC2 / Lambda
- Met with clients to develop business skills, personal connections, and develop POC's for project deliverable
- Participated in daily SCRUM meetings to discuss project deadlines, scope, and update individual tasks
- Created sentiment analysis product that scanned text files for positive, negative, and neutral sentiment feedback
- Develop python scripts to read, interpret, feature engineer, analyze, and build models off data-sets
- Illustrated visuals from word frequency distributions

CSS Security   The Public Theater / Blue Man Group (NYC)
Security Guard   May 2015 to Dec. 2018
- Monitor multiple venues containing crowds ranging from twenty to twenty-thousand all within New York City
- Trained to be hyper-aware of individual activity, potential situations, and maintaining order
- Controlled multiple teams of employees to distribute over scattered positions

PROJECTS

NJIT CAPSTONE Project   Sept. 2018 to Dec. 2018
- Built an iOS application from scratch in order to calibrate, measure, and quantify the distortion of pupil image processing
- Worked with a sponsor through weekly SCRUM meetings, detailed feedback, and client requests
- Crafted a Wordpress website and backend SQLite in order to host data from clients / users

ACTIVITIES

NJIT Vector · Journalist / Photographer / Senior Staff   Sept. 2017 to Dec. 2018
- Published articles revolving around the topics of food including local restaurants and statistics of agriculture
- Taught younger members and peers about photography, writing styles, and interviewing
- Managed website traffic flow and data sent through contact forums

Semester Abroad in Italy · Student   Feb. 2017 to July 2017
- Created a worldwide network of fellow international students, professors, and connected directly with the locals of Siena
- Discovered an appreciation to traveling globally in order to connect with strangers
- Self-taught a proficient level of Italian to communicate amongst others

NJIT Green · Co-Founder   Sept. 2018 to Dec. 2018
- Went to classes of supporting professors to speak with younger undergraduate students in order to recruit more members
- Contacted students, faculty, administration, and sponsors in order to develop an on-campus presence
- Beginning the cultural movement of sustainability, awareness, and manageable food waste

NJIT Solar Car Team · Webmaster   Jan. 2018 to Sept. 2018
- Published requested changes and templates to already running website
- Provide assistance and relay information to Marketing Manager
- Updated DNS issues after acquiring AFS access