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JACLYN KOKX

SUMMARY

Aspiring Data Scientist with a MS in engineering and a knack for communicating technical information. My goal is to provide the science to make decisions based in accurate data and optimized models. I'm a highly motivated self-starter with big machine learning goals.

SKILLS & ABILITIES

SQL, Python (NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn), Jupyter Notebooks, Tableau, Machine Learning. Familiar with: Hadoop, AWS EC2, & Image Classifiation.

PROJECTS

PUMP IT UP - PREDICTING WATERPUMP FUNCTIONALITY

Competition hosted by DrivenData, Currently Ranked within the top 15%

Goal: Predict the status (functional, non-fuctional, functional needs repair) of waterpoints in Tanzania.

Used: Python, Linear Discriminant Analysis, Feature engineering, Scikit-learn's Random Forest Classifier

FAST.AI'S PRACTICAL DEEP LEARNING FOR CODERS MOOC

Taught by Jeremy Howard and Rachel Thomas

Goal: deep learning, Image recognition, CNNs, overfitting, NLP, RNNs

Used: Python, AWS EC2, Kaggle, Pretrained VGG Imagenet model, Keras

EDUCATION

MASTER OF SCIENCE, MECHANICAL ENGINEERING

WEST VIRGINIA UNIVERSITY, 2012

BACHELOR OF SCIENCE, MATERIALS ENGINEERING

MICHIGAN STATE UNIVERSITY, 2005

WORK EXPERIENCE

MATH INSTRUCTOR, FRONT RANGE COMMUNITY COLLEGE

January 2017 – May 2017

MATH INSTRUCTOR, COASTAL CAROLINA COMMUNITY COLLEGE

December 2012 – May 2013

GRADUATE RESEARCH ASSISTANT, WEST VIRGINIA UNIVERSITY

January 2010 – May 2012

LABORATORY TECHNICIAN, PROTEA BIOSCIENCES

September 2008 – January 2010

ASSISTANT RESEARCH SCIENTIST, EMERGENT BIOSOLUTIONS

March 2006 – March 2008