

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 Classification.

PROJECTS **PUMP IT UP - PREDICTING WATERPUMP FUNCTIONALITY**

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

Goal: Predict the status (functional, non-functional, 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