DAVIES ODU

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EDUCATION

Springboard, San Francisco CA
Mar. 2019 to Apr. 2020
Artificial Intelligence Career Track

Duke University, Durham NC
Aug. 2015 to May 2017
Masters Computer Engineering 2017

St Petersburg Electrotechnical, Russia
Sept. 2011 to June 2015
Bachelors Nanotechnology 2015

SUMMARY

I seek to understand deeply, then apply my understanding to solve challenges

SKILLS

MACHINE LEARNING: Deep learning, Feature Engineering, Transfer learning, Classification, Regression, Image Processing, Computer vision
FRAMEWORKS: Tensorflow, Scikit-learn, Keras, Jupyter, Docker, OpenCV
LANGUAGES: Python, Linux, SQL, C#, Typescript

EMPLOYMENT

MICROSOFT
Software Engineer, Machine learning
San Francisco
June 2017 to Current, June 2017 to Current
Predictive Modeling for Yammer using Artificial Intelligence.

RELEAF
Software Engineer
Fremont, CA
Mar. 2017 to June 2017, Mar. 2017 to June 2017
API design. Full stack developer.

IBM
Software development
RTP Area, Durham NC
June 2016 to Dec. 2016
Full stack developer.

PROJECTS

DEEP FASHION SEARCH ENGINE
Multi-Class attribute based classification of clothing images using extracted feature vectors.

MUSEUM ARTWORK COMPREHENSION
Artwork attribute recognition from the New York Metropolitan Museum of Art.

COVID-19 TRACKER
Analysis, visualization and comparison of coronavirus cases in Sub-Sabaran Africa

CONTENT-BASED RECOMMENDER SYSTEM
Collaborative filtering based engine

AWARDS

Microsoft Silicon Valley · MICROSOFT GLOBAL HACKATHON 2019
Most collaborative project, put together a team of 50 from 5 continents.

VOLUNTEERING

OPEN DATA SCIENCE CONFERENCE · Volunteer Staff
San Mateo
Oct. 2019 to Nov. 2019
Renowned AI conference. Emceed on second largest stage. Kept the audience engaged and introduced AI game changers on stage.

SILICON VALLEY FORUM · Technical Mentor
San Francisco
A special hackathon that invites the best and brightest minds to innovate solutions targeted towards growing food on Mars.

CAL HACKS · Microsoft Technical Mentor
University of California, Berkeley
Cal Hacks brings together 1,700 hackers from 100 schools and 5 countries to innovate in a fun atmosphere.