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Data Scientist, Machine Learning

Seattle, WA

I'm a dedicated manager turned Machine Learning Engineer, enthusiastic about the innovative ways technology can positively impact people. I developed excellent communication, leadership and problem solving skills on my previous path, but yearned for a fulfilling challenge better aligned with my technical/engineering background, so I upskilled into Artificial Intelligence/Data Science!

Skills

Python | Data Analytics

Machine Learning | TensorFlow | SQL

Research Implementation | SciPy | PyTorch

Google Cloud Platform (GCP) | Report Writing

Data Visualization | Collaboration | Neural Networks

Projects

NYC Taxi Fare Prediction Capstone

Udacity & Kaggle Competition 09/2018

- Successfully deployed a state-of-the-art Wide and Deep TensorFlow regressor framework
- Production-ready and scalable in Cloud ML Engine
- EDA and trained with 55 million row dataset
- Placed within top third on the leaderboard with 3.26 RMSE (within 2 points of the top score)

Weird Ai

Hackathon 11/2018

- Won 3rd place with a GRU/LSTM model for Natural Language text generation (NLP/NLG)
- Tied into a front-end for users to create song lyrics in the style of Weird AI in real time

Recycle Bits

Hackathon 02/2018

- Earned 2nd place using Computer Vision and Microsoft Azure APIs to classify trash into distinct categories of Recyclable, Compostable or Refuse
- First implemented as a responsive web app for consumers, with a leaderboard system
- Also envisioned a business plan to create smart trash cans and automated industrial trash sorting

Education

Machine Learning Engineer Nanodegree

Udacity 01/2018 — 09/2018

Model Training, Testing & Evaluation | Classification

Prediction | Clustering | Supervised Learning

Unsupervised Learning | Deep Learning

Reinforcement Learning

Machine Learning with TensorFlow on GCP

Coursera 07/2018 — 08/2018

Google's ML ideology | ETL on big data | Deploying large-scale models to production cloud environments

Introduction to Programming Nanodegree

Udacity 09/2016 — 01/2017

HTML | CSS | Software Design | Debugging | Python

Pandas | NumPy | Matplotlib | Data Analysis

Experience

Student Mentor, Programming Remote

Udacity 11/2017 — Present

Consistently 5-star rated | Provide code reviews & constructive feedback | Advise & motivate students
Help troubleshoot through challenges & bugs

Software Development Student Seattle

Self 07/2016 — Present

Computer Science | Statistics | Linear Algebra

Calculus | Algorithms | Machine Learning

Property Management Seattle & CA

Essex & W.N.G. 05/2009 — 07/2016

Managed 7 people | Grew business 7% | Awarded for customer service | Reduced turnover 42%

Developed reputation for training & teamwork