RYAN J. LONERGAN

10609 E Riverside Dr, Apt 307   206-250-9707
Bothell, WA 98011   ryanjl@uw.edu
LinkedIn.com/in/ryan-lonergan   ryanlonergan.github.io

EDUCATION

University of Washington, *Michael G. Foster School of Business*   Seattle, WA
- Master of Science in Information Systems - GPA: 3.81   June 2020
- Bachelor of Arts in Business Administration   June 2019
  Majors: Information Systems and Operations & Supply Chain Management

RELEVANT TECHNICAL SKILLS

Intermediate Machine Learning: gbm, Keras, knn, NLTK, randomForest, SciKit-Learn
Advanced Python: Matplotlib, NumPy, Pandas, SciPy, Seaborn
Intermediate R: caret, dplyr, ggplot2, ggmap, tidyr
Advanced SQL: pgAdmin, PostgreSQL, MySQL, MySQL Workbench
Advanced Excel: Decision Models, Forecasting, Linear and Non-Linear Programing, Statistics
Intermediate Tableau: Desktop 2020.2.1

RELEVANT PROJECTS

Spotify Regression Analysis Project   Summer 2019
- Created multi-linear and logistic regression models with SciKit-Learn in Python to analyze a Spotify user's personal taste in music and classify if a song should be recommended resulting in a confusion matrix with 0.63 accuracy and a grade of 99%.

KMeans Customer Segmentation Project   Winter 2020
- Utilized KMeans clustering through sklearn to divide customer data into distinct segments using dendrograms and SSE to determine number of centroids resulting in a grade of 100%.

NN and CNN Rock Paper Scissors Image Classification Project   Spring 2020
- Developed fully connected and convolutional neural network models using TensorFlow to compare performance for image classifications of rock paper scissors gestures with an improvement of ~30% from the NN model with ~65% accuracy to the CNN model with ~95%.

PREVIOUS WORK EXPERIENCE

Human Resources Student Assistant   Seattle, WA
School of Nursing, University of Washington   September 2017 – June 2018
- Designed streamlined procedure to automate and process 20+ clinical passports per quarter to prove employee certification and immunization compliance using Python to parse and populate text documents resulting in a decreased turnaround from 2+ hours to 10-15 minutes per passport.

Student Body President   Seattle, WA
United Student Association, South Seattle College   May 2015 – Aug 2016
- Represented over 8,000 student constituents and managed a team of 7 officers to address student needs and concerns through implementing over 15 events, presiding over 30 officer meetings and delivering reports at 9 district wide board of trustee's meetings.