HAYLEY KISIEL

Data Science Graduate Student

DETAILS

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GITHUB
github.com/hayleykisiel21

EXPERIENCED PROGRAMS

Microsoft

Python

R

SQL

Tableau

Fortran

NetLogo

SKILLS

Collaboration

Logical Thinking

Problem Solving

Data Visualization

Data Mining

Quantitative Analysis

Big Data

Highly analytical and result-driven graduate student seeking to utilize an expanding knowledge of systems development, data analysis, algorithms, networks, and data

EDUCATION

Master of Science in Data Science, University of Virginia
Expected in May 2022 (Virtual)
Current GPA 3.8

Bachelor of Science in Computational and Data Sciences, George Mason University
May 2020

EMPLOYMENT HISTORY

Data Scientist Intern - Finance and Operations Artificial Intelligence Teaml Autodesk
Remote Work
June 2021 – August 2021

- Supported end-to-end tracking of requirements through data cleaning and processing, systems design, development, and testing.
- Created a machine learning model to forecast when clients run out of software access based on current consumption trends.
- Delivered a system to provide business solutions through artificial intelligence with accurate predictions, error detection, data visualizations, and other functions.
- Communicated system progress to stakeholders and team weekly.

Patient Care Coordinator I Costa Dentistry
Ashburn, VA
September 2020 – March 2021

- Managed 4 dentists & 5 hygienist schedules by confirming patients appointments and responding to patient questions and concerns while assisting with heavy call volume.
- Reviewed and presented treatment plans in detail while calculating costs associated with each procedure code including patients insurance benefits.
- Coordinated with insurance companies to verify patients coverage, process

PROJECTS

CheckUp System
Developed a system end-to-end using machine learning to forecast the exact date a clien is going to run out of usage tokens based on current consumption using Python. CheckUp alerts the Autodesk Representative Team when accounts are almost out, usage is idle, contract is expiring, and more in order to provide optimal customer service.

King County House Sales Prediction Model
Created an optimal prediction model from previous house sales to predict the sale price o a house and generate the predicted zip code through a neural network using R. Using multiple linear regression and applying statistical techniques such as ridge regularization, VIF tests, log transformations and more, the prediction model resulted in a min-max accuracy of 98.9%.

Data Science Capstone: The Worth of College
Using data from over 7,000 colleges in the country, multiple hypothesis tests were ran to determine the effect of a college degree for a student after graduation analyzing pre-