Navid Mashinchi

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EDUCATION & AWARDS

Master's in Data Science, University of Denver, *Denver, CO, USA* August 2021
- GPA: 3.91/4.00
- Relevant Courses: DS Mathematics 1 & 2, DS Statistics 1 & 2, Database Organization & Management, Algorithms, DS Tools 1 & 2, Machine Learning, Data Mining, Data Visualization, Parallel and Distributed Computing for Data Science.

Full Stack Web Development Certification, Thinkful, *New York, NY, USA* August 2019
- Modules included: Front-End & Back-End Fundamentals, Front-End Frameworks, Computer Science Fundamentals & Server-Side JS.

Bachelor of Commerce, University of British Columbia, *Vancouver, BC, Canada* December 2015
- Specialization: Accounting

KDnuggets Silver Blog – March Award, **Award Link** April 2021
- Earned the KDnuggets Silver Blog March award for having over 9000 views for my article: "The Portfolio Guide for Data Science Beginners".

Streamlit New User of the Month Award, **Award Link** March 2021
- Earned the new user of the month award for my COVID-19 dashboard (web app) and articles that I shared.

SKILLS

- **Programming Languages:** Python, R, JavaScript.
- **Data Science:** Data Cleaning & Wrangling (Pandas, NumPy), Data Visualization (Matplotlib, Seaborn, Plotly, Folium, Geoplot, Ggplot2), Big Data (Spark), Statistics, Hypothesis Testing, Modeling, Interpretation.
- **Machine Learning:** Scikit-Learn, Supervised ML, Unsupervised ML, TensorFlow, Keras.
- **Databases & Others:** SQL, MongoDB, Relational Algebra, ER Modeling, GitHub, Git, Streamlit, Heroku, HTML, CSS, Node.JS.

WORK EXPERIENCE

Data Science Internship, Opeeka, *Sacramento, CA, USA* June 2021 – Present

Lead Analyst, Vancouver Whitecaps FC, *Vancouver, BC, Canada* June 2016 – February 2018
- Managed the analytics department, consisting of one full-time analyst and three interns after losing the supervisor without a drop-in output by providing consistent analytical services to the staff, players, and senior leadership resulting in reaching the MLS playoffs.
- Created 34+ analytical reports on the opposition through data collection and uncovering patterns and trends for the MLS coaching staff.
- Presented research findings to coaches weekly and wrote requested summaries detailing the department's state to senior leadership.

Assistant Analyst, Vancouver Whitecaps FC, *Vancouver, BC, Canada* January 2015 – May 2016
- Led a team of three interns, trained them on the department's operations procedures, resulting in one full-time hire.
- Supported the department head by analyzing future opposition through statistical and video analysis.
- Collected and analyzed data on prospective incoming players to help the club make better decisions on player acquisitions.

Performance Analyst Internship, Vancouver Whitecaps FC, *Vancouver, BC, Canada* June 2014 – December 2014
- Launched a live stats application by developing an MS Excel spreadsheet that streamed real-time data to the coaches electronic devices.
- Oversaw the club's video database by managing, filming, sharing training and game footages to 100+ employees.

PROJECTS

The Current State of COVID-19 From 3 Different Perspectives | App February 2021 – March 2021
- Developed a real-time dashboard to analyze the state of COVID-19 from three perspectives (Globally, WHO Regions, and the US).
- Applied Pandas and NumPy on 11 different data frames for data cleaning and wrangling purposes to update the data.
- Created advanced visualizations (Plotly, Folium) and published the dashboard using Streamlit.

An Examination of Fatal Force by Police in the United States | GitHub October 2020 – November 2020
- Examined the factors that play into the horrible event of a fatal shooting by the US police.
- Predicted mental illness status by implementing a Logistic Regression, SVC, SGD, Decision Tree, and Random Forest.
- Improved the accuracy score from 72% to 77% by fine-tuning the final model using RandomizedSearchCV.

Predicting number of COVID-19 deaths using Time Series Analysis | GitHub August 2020 – September 2020
- Predicted the number of deaths in the US starting from August 1 – August 21 and August 1 – November 1.
- Implemented the differencing technique to make the data stationary to conduct a time series analysis using the ARIMA model.
- Forecasted 18589 deaths, and CNN projected 19000 deaths between August 1 and August 21.
- Forecasted 235967 deaths, and CNN projected 231000 deaths between August 1 and November 1. The actual death number, according to Worldometer, was 236072.

VOLUNTEER EXPERIENCE

Student Ambassador Data Science Master's Program, University of Denver, *Denver, CO, USA* Present
- Speak to prospective students and participate in student panel webinars, round tables, and in PR opportunities.