Navid Mashinchi

Data Scientist

+ Personal Info

Phone
916-330-0268

E-mail
nmashinchi@gmail.com

City
Sacramento, CA

Date of birth
16/02/1989

GitHub
https://github.com/navido89

Portfolio
https://www.navidma.com

LinkedIn
https://linkedin.com/in/navidmashinchi

Twitter
https://twitter.com/NMashinchi

Medium
https://medium.com/@NMashinchi

+ Skills

Data Science: Python, R, scikit-learn, Pandas, NumPy, Seaborn, Matplotlib

Databases: *SQL, MongoDB*

Web Development: JavaScript, HTML 5, CSS3, Bootstrap, Node.JS, Heroku, Jasmine.

Others: GitHub, Git, SportsCode, Hudl, SoccerLab, Coach Paint, Sketch.

Personal Skills: Disciplined, responsible, highly motivated with the ability to work individually or within a team environment.

+ Languages

English

Native or bilingual proficiency

German

Native or bilingual proficiency

Farsi

Professional working proficiency

+ Blogs

12/2020
California Data Science Job Market Analysis

11/2020
An Examination of Fatal Force by Police in the US

09/2020
Predicting number of Covid19 deaths using Time Series Analysis (ARIMA MODEL)

+ Education

09/2019 - present

University of Denver - Master's In Data Science

- Anticipated graduation date: August 2021
- GPA: 3.90
- Relevant Courses: DS Mathematics 1 & 2, DS Statistics 1 & 2, Database Organization & Management I, Algorithms, DS Tools 1, Machine Learning.

08/2018 - 08/2019

Bloc - Full Stack Web Development Certification

- Modules included:Front-End & Back-End Fundamentals, Front-End Frameworks, Computer Science Fundamentals & Server-Side JS with Node.js.

09/2010 - 12/2015

University of British Columbia - Bachelor Of Commerce

- Specialization: Accounting
- UBC Soccer Scholarship, 2010 - 2015
- All Canadian Academics, 2011 - 2012

+ Experience

11/2020 - present

Student Ambassador Data Science Master's Program

University of Denver

- Speaking to prospective students via phone or in the virtual classroom.
- Participating in prospective student panel webinars, round tables and PR opportunities.

01/2015 - 02/2018

Performance Analyst

Vancouver Whitecaps FC

- Attained the MLS playoffs in 2015, 2017, win the 2015 Amway Canadian Championship and advance to the 2017 Concacaf Champions league semi-final, by providing in depth analytical reports on the opposition to the MLS coaching staff.
- Led the Analysis department after losing supervisor. Managed the department during the transition phase without a drop-in output, by providing consistent analytical services to the coaching and playing staff.

06/2014 - 12/2014

Performance Analyst Internship

Vancouver Whitecaps FC

- Launched the Analysis department's first live stats application for games, by customizing a MS Excel spread sheet that streamed real-time data using Data Streamer add-in to coaching staff's electronic devices.
- Coordinated department’s video database, by filming and organizing training sessions and games.

+ Projects

12/2020 - 12/2020

California Data Science Job Market Analysis | GitHub

Python | Exploratory Data Analysis Problem

- Analyzed the current data science job market in CA.
- Collected data on the most recent data science job postings in CA by web scraping the indeed website using selenium.
- Applied matplotlib, seaborn and folium for data visualization and pandas for data cleaning purposes.
- Discovered that the top 5 skills in demand are Python, Machine Learning, Research, Statistics and SQL.

10/2020 - 11/2020

An Examination of Fatal Force by Police in the US | GitHub

Python | Classification & Multi Classification Problem

- Examined the factors that play into the horrible event of a fatal shooting by the police in the US.
- Cleaned the data that contained of 5700 data points, by using pandas and as feature engineered, 9 out of the total 17 variables type had to be transformed into different types.
- Predicted the status of mental illness, by implementing a Logistic Regression, SVC, SGD, Decision Tree and Random Forest.
- Improved the accuracy score by 5% by fine tuning the final model using RandomizedSearchCV.

08/2020 - 09/2020

Predicting number of Covid19 deaths using Time Series Analysis (ARIMA MODEL) | GitHub

R | Time Series Forecasting Problem

- Predicted the number of deaths in the US starting from August 1st – August 21st and August 1st – November 1st.
- Cleaned the data that was made of 34033 rows and 34 columns, by selecting the US data points.
- Implemented the differencing technique to make the data stationary in order to conduct a time series analysis.
- Applied the Augmented Dickey-Fuller Test to make sure the data is stationary and used the ARIMA model to make the projection.
- Forecasted 18589 deaths and CNN projected 19000 deaths between August 1st and August 21st.
- Forecasted 235967 deaths and CNN projected 231000 deaths between August 1st and November 1. Actual death number according to Worldometer was 236072.