ISHA SINGH

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EDUCATION

University of San Francisco   Expected May 2022

Bachelor of Science, Majoring in Data Science

RELEVANT COURSEWORK

Data Science with R, Object-Oriented Programming with Python and Java, Linear Algebra, Calculus & Analytical Geometry I & II, Applied Data Science Methods, Probability & Statistics, and Linear Regression.

TECHNICAL SKILLS AND TOOLS

R • Java • Python • MySQL • Excel • Git • HTML/CSS
Tableau • Eclipse • RStudio • PopSQL • Anaconda-Navigator • Microsoft Excel

PROJECTS

Chicago Crimes Data Analysis

- Built a crime prediction model to determine which factors drove criminal behavior in Chicago, detailing when and where different types of crime were likely to occur.
- Utilized Python and PostgreSQL to build detailed visualizations of crime data from the city of Chicago.

Drug Overdose Deaths Data Analysis

- Analyzed six different data sets to find possible causations of drug overdose deaths, comparing overdoses in Connecticut, California, and the entire United States.
- Created comprehensive visualizations with R to understand causes of death between 2015 to 2018.

EXPERIENCE

Virtue Mental, International Non-Profit   Dec. 2020 - Apr. 2021

Web Design, Team Lead

- Created community needs assessments to better serve underprivileged communities.
- Managed website templates in Squarespace to improve its design.
- Analyzed community needs assessment results using statistical techniques and provided ongoing reports.

Forkaia   May 2020 - Aug. 2020

Data Science Intern

- Built a centralized database for records of Forkaia's startup, Insolar, through Visual Basic Application Editor in Excel.
- Organized datasets through Javascript and created a CSV file that included a set with the names of startups and the number of members in each team.
- Used Tableau to create visualizations for the various startups under Forkaia.

Bytes for Bits   Jan. 2020 - Mar. 2020

Technology Instructor

- Collaborated with a fellow instructor to teach a class of 20+ elementary school students computational and algorithmic skills weekly through applications such as Kodable, Hopscotch, and Code.org
- Interacted with children by creating a safe and positive environment to introduce them to coding.
- Gained valuable time management skills through time spent developing successful lessons and strategies for the teaching of introductory coding skills.