

RIKESH PATEL

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SKILLS

Programming	Python • Java • C++
Analytics	SQL • SPSS
Frameworks/Libraries	scikit-learn • matplotlib • NumPy • pandas • D3
Web	HTML • Javascript • CSS

EDUCATION

DePaul University, Chicago, IL 2020
B.S. Computer Science, GPA: 3.3
Related Coursework: Data Structures, Fundamentals of Data Science, Database Systems, Data Analysis and Regression, Data Visualization

PROJECTS

- Predicting Bank Deposit Subscriptions** Summer 2019
• Used IBM SPSS to clean, balance, and perform feature selection on bank telemarketing data from UCI ML Repository and built a classification model using decision trees and k-NN to predict whether or not bank clients will subscribe to a term deposit (Can be viewed [here](#))
- Predicting Diamond Prices** Winter 2019
• Cleansed data sourced from Kaggle and performed feature selection to build a linear regression model that predicts the price of round-cut diamonds based on attributes such as their weight (carat) and clarity.
• Used Python along with sklearn, pandas, and matplotlib libraries
- Visualizing Gun Ownership** Spring 2019
• Created an interactive streamgraph showing the increase in firearm background checks initiated over the past two decades using the D3 Javascript library. (Can be viewed [here](#))
- Twitter Bot** Summer 2018
• Wrote a Python script that tweets short biographies of randomly selected Titanic passengers every few hours using Twitter APIs. (Can be viewed [here](#))
- SimpleEtherEscrow** Summer 2018
• Built an Ethereum application in Java with an HTML/Javascript interface that allows two individuals to engage in trade with an intermediary agent to ensure fairness.

WORK

- Math and English Tutor** October 2015 - April 2016
James B. Conant High School *Hoffman Estates, IL*
• Started an after school daily tutoring club during my senior year of high school.
• Went over different types of questions with students and explained personal test taking strategies.

HONORS AND AWARDS

Dean's List
National Merit Commended Scholar
AP Scholar
Illinois Premier Boys' State, elected County Treasurer
HOSA Nationals, Biomedical Debate, finished 7th