

# RIKESH PATEL

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## SKILLS

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<b>Programming</b>	Python • SQL • R • SAS • Java • C++
<b>Frameworks/Libraries</b>	ggplot • scikit-learn • matplotlib • NumPy • pandas • D3
<b>Web</b>	HTML • Javascript • CSS
<b>Other</b>	SPSS • Git • Tableau

## EDUCATION

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**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

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**Predicting Bank Deposit Subscriptions** Summer 2019

- Performed exploratory data analysis and preprocessed bank telemarketing data from UCI ML Repository to build a classification model using decision trees to predict whether or not bank clients will subscribe to a term deposit (Can be viewed [here](#))
- Used Python along with sklearn, pandas, and matplotlib libraries

**Predicting Diamond Prices** Winter 2019

- Preprocessed data 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

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**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

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Dean's List

National Merit Commended Scholar

AP Scholar

Illinois Premier Boys' State, elected County Treasurer

HOSA Nationals, Biomedical Debate, finished 7th