# RIKESH PATEL

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## SKILLS

| | |
|---|---|
| **Programming** | Python · Java · C++ |
| **Analytics** | SQL · SPSS |
| **Web** | HTML · Javascript · D3 · 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

**Improve Bank Telemarketing using ML (IBM SPSS):** Built classification models using machine learning algorithms (decision trees and k-NN) to predict whether or not bank clients will subscribe to a term deposit. (Can be viewed here)

**Twitter Sentiment Analysis (Python):** Streamed real-time tweets using Twitter APIs into a SQLite database and performed sentiment analysis using Textblob in order to assess public's reaction to the UK election results.

**Visualizing Gun Ownership (HTML/Javascript):** Created an interactive streamgraph showing the increase in gun ownership over the past two decades using D3.js. (Can be viewed here)

**Twitter Bot (Python):** Wrote a script that tweets short biographies of randomly selected Titanic passengers every few hours using Twitter APIs. (Can be viewed here)

**SimpleEtherEscrow (Java/HTML/Javascript):** Built an Ethereum application with a web interface that allows two people to engage in trade with an intermediary agent to insure 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
Ilinois Premier Boys' State, elected County Treasurer
HOSA Nationals, Biomedical Debate, finished 7th