

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 ensure fairness.

WORK

Math and English Tutor	October 2015 - April 2016
<i>James B. Conant High School</i>	<i>Hoffman Estates, IL</i>

- 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