

# RIKESH PATEL

847-400-7500 ♦ rikeshp98@gmail.com  
rikeshp.github.io ♦ Chicago, IL 60614

## SKILLS

---

<b>Programming</b>	Python · Java · C++
<b>Analytics</b>	SQL · SPSS
<b>Web</b>	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

---

<b>Math and English Tutor</b>	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