Rikesh Patel

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(847) 400-7500

SKILLS

Programming	Java · Python · C++ · Solidity · LaTeX
Web/Media	HTML/CSS/Javascript · Adobe Photoshop · Adobe Illustrator

EDUCATION

Depaul University, Chicago, IL

Bachelor of Science, Computer Science, 2020; *GPA: 3.5*
Concentration in Software Development

PROJECTS

Bank Telemarketing ML Project

· 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. Sourced data from the UC Irvine Machine Learning Repository.
· Paper can be viewed at rikeshp.github.io/Projects/BankTelemarketing

Firearm Visualization

· Data visualization of NICS Firearm Background Check Data using D3.js to analyze the demand for firearms in America over the past two decades.
· Can be viewed at rikeshp.github.io/Projects/demandforguns

SimpleEtherEscrow

· SimpleEtherEscrow is a solidity contract with a simple web interface (HTML/JS) that allows two parties (buyer and seller) to engage in trade with an intermediary agent to insure fairness.
· The contract runs on Ganache, a simulated and private version of the Ethereum Network

WORK

Math and English Tutor   *James B. Conant High School*   Oct '15 - April '16

· Started an after school daily tutoring club during my senior year of high school
· Provided free practice tests for students who were looking to improve their SAT and ACT scores
· Went over specific questions with students and explained personal test taking strategies

RELATED COURSEWORK

· Accelerated Python Programming
· Data Structures I
· Fundamentals of Data Science
· Blockchains and Smart Contracts

HONORS AND AWARDS

· Dean's List
· National Merit Commended Scholar
· AP Scholar

EXTRACURRICULAR ACTIVITIES

· ACT Tutoring Club Founder & Tutor
· Illinois Premier Boys' State, elected County Treasurer
· HOSA Nationals, Biomedical Debate, finished 7th