ZAYAN NIAZ

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EDUCATION

High School Diploma

Carnegie Vanguard High School

- Houston, TX

Relevant courses
- Honors Postcalculus
- AP Computer Science Applications
- AP Calculus BC
- AP Statistics

SKILLS

- Python
- Java
- HTML
- CSS
- SQL

LEADERSHIP

- President of Junior State of America Chapter
- Driver and Programming Lead of Carnegie Robotics (Team 285X)
- Secretary of Houston Helping Hands Chapter (nonprofit)
- Vice President of Investing Club
- Vice President of AI Club

WORK EXPERIENCE

Student Technician Election Clerk

Harris County Election Office

- February 2022 - May 2022
- Houston, TX
- Helped set up voting machines for the Texas Primary Elections.
- Led a team of voting officials to set up voting machines and link up to the city's system.
- Maintained the voting systems on location and dealt with all technical problems voters encountered.

Junior Director

Homerun Hitters International, Inc.

- July 2016 - current
- Houston, TX
- Helped lead Camp MI Way and create summer camp experience for motion, hearing, and visually impaired children and teens in the Greater Houston area.
- Led and taught new volunteer camp counselors every summer in preparation for Camp MI Way.
- Headed logistics for setup and maintenance of Camp MI Way.

PROJECTS

Baseball Pitch Type Predictor

- Used Pandas, Numpy, and Scikit-Learn to create pitch predictor and PyBaseball for pitching data.
- Created a Random Forest Classifier and a polynomial and RBF SVM using Scikit-Learn
- Attained ~70% accuracy over multiple test predictions.

Handwritten Number Recognition Neural Network

- Used MNIST dataset of handwritten numbers.
- Coded neural netwrok from scratch using vanilla Python.
- Applied linear algebra knowledge and Numpy to create neural network.
- Achieved ~75% accuracy over multiple trials

AWARDS/HONORS

- UIL District Champion in Informative Speaking
- Competed at Vex Robotics World Championship (2023)
- AP Scholar with Honors