ZAYAN NIAZ

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in [Linkedin](#)   ○ [Github](#)   🌐 [Website](#)

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

📅 November 2022

- 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 network from scratch using vanilla Python.
- Applied linear algebra knowledge and Numpy to create neural network.

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
- Supervised Machine Learning
- Calculus
- Linear Algebra
- Differential Equations
- 3D Optimization

LEADERSHIP

- President of Junior State of America Chapter
- Vice President of AI Club
- Vice President of Investing Club
- Secretary of Houston Helping Hands Chapter (nonprofit)