

# Shayan Haque

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## EDUCATION

### Tappan Zee High School

Senior | GPA: 103.22

Orangeburg, NY

Sep 2020 - Jun 2024

**Relevant Coursework:** AP Chemistry, AP Physics, AP Computer Science A, AP Computer Science Principles, AP US History, AP World History, AP European History

## EXPERIENCE

### VDart: Data Science Intern

New York, NY

June 2022 – Present

- Developed a customer service chatbot that answers questions, making customer support more efficient
- Continuously improved the chatbot's ability to understand and help customers based on performance monitoring
- Collected and analyzed data from customer interactions to train the chatbot and suggest improvements
- Collaborated with a team to integrate the chatbot into the company's website and app, enhancing the user experience

### Werfen: Engineering Intern

Orangeburg, NY

May 2023 – Present

- Collaborated with lead chemical engineer and plant manager to design a miniature blood-sampling machine
- Contributed to the design process by providing valuable input and insights, enhancing the overall functionality and efficiency of the machine
- Demonstrated strong teamwork and communication skills in a fast-moving environment, ensuring coordination between engineering and management teams
- Designed a company mascot using a fusion of creativity and engineering expertise to enhance brand identity

## PROJECTS AND ACTIVITIES

### NBA Stats Predictor Program

- Developed a machine learning model that predicts the future statistics of NBA players based on historical league data
- Conducted data analysis to identify relevant features and patterns crucial for accurate predictions
- Collaborated with peers and sought feedback from mentors to improve the model, resulting in an accurate prediction tool.

### TZHS Class President

September 2020 - Present

- Elected as High School Class President for four consecutive years, demonstrating consistent trust and confidence from peers
- Collaborated with the student council and faculty to address concerns and implement positive changes within the school community
- Led and coordinated a range of successful fundraisers, effectively raising funds for various events

### TZHS Robotics Design Team Lead

September 2021 - Present

- Led the design team of TZHS robotics club, overseeing the development of robots used in competition
- Collaborated with team members to engineer robot to perform tasks and operate autonomously
- Supervised aspects of financial management and made key decisions regarding team spending.

### TZHS Computer Science Honor Society Vice President

September 2022 - Present

- Set and monitored goals for the club, organized club meetings, and led tasks such as recruiting, training, and maintaining communication among club members.

## SKILLS

- **Technical:** Python, JavaScript, CSS, Python, Fusion 360, Autodesk Inventor
- **Creative:** Adobe (Premiere Pro, Photoshop, XD), Sony Vegas
- **Languages:** English, Hindi (Interpretive), Spanish (Beginner)
- **Interests:** Writing, Reading, Photography, Legos, Movies, Basketball