

SHADMAN RAKIB

PROFILE

Ambitious student from a prestigious school, Stuyvesant High School, who has great passion for computer science, learning and self improvement. Challenges himself by taking advance courses, which require dedication, time management, and the ability to work under stress. Possesses various technical skills in areas such as programming and graphics. Has a strong interest in artificial intelligence and rocketry.

LANGUAGES

- ♦ Fluent English
- ♦ Conversational Spanish
- ♦ Conversational Bangla
- ♦ Conversational Sylheti



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EDUCATION

2018-Present

STUYVESANT HIGH SCHOOL

345 Chambers St, New York, NY 10282

Attends a very rigorous, prestigious school that requires dedication, hard-work, and the ability to cope to immense stress. Has taken various AP classes and Honors classes. Is part of Muslim Student Association, which allows for cultural appreciation and awareness through multiethnic seminars with different cultural groups.

Average: 94.33%

PROJECTS

All the mentioned projects can be viewed at <http://moe.stuy.edu/~srakib20/> or at <https://onikuspedu.github.io>

On Calculating Pi

- ♦ A 30 page math research paper submitted to a math competition. The False Heir

- ♦ A short story for a creative writing assignment at school. I explored various writing technique on my own to create a captivating story. My teacher recommended I submit it to a competition.

Fostered Sewage

- ♦ A satire on our world and politicians. I pushed my writing to new realms and challenged myself. My teacher said it was the best piece that she read that was able to mimic Voltaire's voice.

Connect 4 Game with AI

- ♦ A Connect 4 game that uses a minimax algorithm to verse players. Programmed in NetLogo.

Analysis of Hacked Passwords using Python

- ♦ Used python to analyze a csv containing passwords from a leaked password database. Graphs are created using matplotlib.

Surreal

- ♦ A website that allows users to find toilet paper at the lowest costs. Made during the pandemic. Coded that uses python in the backend. It uses the CGI module to create a dynamic site. No web framework was used. Everything was made from scratch.

HARD SKILLS

- Python
- HTML
- CSS
- JavaScript
- NetLogo
- Django
- Bootstrap
- SQL (PostgreSQL)
- Flask
- DaVinci Resolve
- GIMP
- Microsoft Office
- Google Suite
- Mathematics
- Writing

SOFT SKILLS

- Time Management
- Clear Communication
- Leadership
- Conflict Resolution
- Listening
- Confidence
- Empathy
- Creative Thinking
- Positive Attitude
- Problem Solving
- Responsibility