

Alexandra Ramotar

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Education

Georgia Institute of Technology

- BS Aerospace Engineering – Expected June 2024

Commack High School – Top Cohort

- High School Diploma – June 2020
 - International Baccalaureate Diploma – June 2020
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Skills

Communication, Social Media, Leadership, Collaboration, Time Management, Data Analysis, Creativity, Public Speaking, Marketing, Intercultural Awareness, Willing to Learn

Language: English (native), Spanish (advanced)

Software: Microsoft Office, Python, MATLAB

American Red Cross Lifeguard & CPR/First Aid/AED

Projects

International Baccalaureate Creativity, Activity, and Service Project – June 2019

- Beautified the in-school detention room by painting murals to stimulate a healthy learning environment

MIT Beaver Works UAS-SAR Online – June 2019

- Learned basic coding in Python and developed an understanding of how satellites work

Medical Marvels: Virtual Reality Substitution for Opioid Addiction – March 2018

- Created a business pitch and poster to include virtual reality in rehabilitation centers
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Research

The effects of malnutrition on the gastrointestinal tract of *Drosophila melanogaster* – May 2018

- Created nutrition plans for fruit flies, performed dissections, and used Adobe Photoshop to analyze trends

How stereotypes, racial bias, and representation of people of color has changed in major media – May 2017

- Collected data and used statistical analysis to analyze the correlation between representation and time
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Experience

Intern at Kinematica USA – June 2018 to August 2018

Lifeguard at KidsFirst Swim Schools – September 2018 to March 2020

Lifeguard at Blue Ocean Aquatics – May 2019 to September 2019

Leadership

Global Leadership Student Action Team Leader – August 2020 to present

United States Air Force Auxiliary Civil Air Patrol – September 2014 to present

- Performed US Air Force emergency services missions, taught aerospace education curriculum, and planned meetings

GlamourGals – September 2016 to July 2020

- Provided free makeovers to local nursing homes, attended seminars about female empowerment and elderly care, and marketed on social media to corporate sponsors

English Honor Society – September 2018 to June 2020

- Created and planned events, wrote meeting agendas, and controlled the notification system

Varsity Regional Quiz Bowl – September 2016 to June 2020

- Compiled quiz bowl questions, registered for competitions, and trained future officers

Presenter at Long Island LEADS – October 2017

- Gave a speech at a town hall to advocate for more STEM funding in public schools

Member of National Honor Society, Science Honor Society, Math Honor Society, Spanish Honor Society, History Honor Society – September 2018 to June 2020