

Nathan Smolianski



About Me

High-achieving high school student with a strong STEM background and a focused interest in medicine and biomedical sciences. Founder and president of multiple academic organizations with extensive clinical exposure, advanced coursework, and community service experience.



Contact



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Education

James Madison High School

— Brooklyn, NY

Grade 11

- **GPA:** ~98
- **SAT:** 1420
- **AP Coursework:** AP Biology, AP Chemistry, AP Calculus AB, AP Statistics, AP Computer Science A, AP English Language, AP U.S. History
- **AP Scores:** Biology (4), Statistics (4)



Programs & Honors

- College Now (Advanced Coursework) — Human Biology
- SYEP (Summer Youth Employment Program)
- High School Foreign Ambassador
- Honor Roll
- James Madison Medical House (11th Grade)
- Columbia ACComPLISHED Program



Leadership & Activities



Founder & President — CARE Club

- Founded a health-focused student organization at James Madison High School
- Developed educational materials aimed at improving patient understanding and compliance with preventive healthcare measures, including vaccination education
- Led planning, content development, and member coordination



Founder & President — JMHS History Club

- Established a student-led history club at James Madison High School
- Organized discussions, activities, and educational programming for members



Founder & Team Captain — JMHS History Team

- Founded the school's competitive history team
- Led team preparation, coordinated members, and represented the school in academic competitions



Team Captain — JMHS Math Team

- Competed in the South Brooklyn Invitational Tournament (16th place as a team)
- Participated in 15+ contests through New York Math League (NYML)
- Competed in New York Interscholastic Math League (NYIML) contests
- Competed in American Scholastic Mathematics Association (ASMA) contests



Team Captain — JMHS Science Team

- Captained the James Madison High School Science Bowl team (Biology & Chemistry section)
- Achieved 8th place at the NYC Regional National Science Bowl (NSB) Tournament
- Guided team strategy and supported members in academic science competitions



Varsity Tennis — James Madison HS

- Second position player; three-year varsity athlete
- Balanced competitive athletics with rigorous academic and extracurricular commitments



Indoor Track & Cross Country — James Madison HS

- Competed in 1000m and 5km events
- Demonstrated endurance, discipline, and teamwork



Clinical & Volunteer Experience



Educational Assistant — Medical Education

- Supported accredited nursing education programs
- Created instructional slide decks used in continuing education videos for nurses
- Contributed to materials qualifying nurses for specialized clinical roles



Pediatric Nurse Shadowing — 150 hours

- Observed patient care, clinical workflows, and nurse-patient interactions



Volunteer — Shore View Nursing & Rehabilitation — 100 hours

- Assisted staff and supported elderly patients in a long-term care setting



Volunteer — Chabad Oceanview Jewish Center — 150 hours

- Participated in community service initiatives and educational programming



Academic Interests & Skills

- **Intended Fields:** Biomedical Engineering, Biochemistry, Neuroscience, Data Science
- **Career Interest:** Neurosurgery
- **Skills:** Coding, medical education support, data organization, analytical thinking
- **Interests:** Reading, history