

Mark Green

Address

Phone

DOB:

Email:

Major/Minor: Pre-med, biomedical engineering
Accepted: Ivy and top 20 schools

ACADEMICS

Name of High School, City, State, Class of XXXX

- GPA: 3.95 unweighted
- GPA: 4.70 weighted
- SAT: M-800, ERBW-680
- International Baccalaureate Middle Years Program Certificate, May XXXX
- National Merit Commended Status

Honors/IB/AP Classes:

H English 9, H Biology, H Algebra 2, H Civics/Geography, H MYP Spanish 2, H Chemistry, H World History, H FST (Precalculus), H English 10, AP Biology, AP US Gov, AP Comparative Gov, H-MYP Spanish 3, AP Chemistry, IB History of the Americas HL, AP Calculus BC, AP Physics 1, IB Spanish HL, IB English HL, H Organic Chemistry, H Anatomy and Physiology, AP Statistics, AP Economics,

EXTRACURRICULAR ACTIVITIES

Activity	High school grade	Hours per week /Weeks per year	Position/Contributions
Speech and Debate	9,10,11,12	13 hours, 30 weeks	Competed in 39 regional and national tournaments, advancing to elimination rounds in 19 competitions with a 49% success rate. Qualified for PHSSL State Tournament and NCFL Nationals (Grades 10–11), placing among top speakers statewide. Served as Extemp Captain (11–12); mentored 10 underclassmen, led practice sessions, and elevated team competitive performance.
Model United Nations	9,10,11,12	5 hours, 5 weeks	Selected to represent school at University of Pittsburgh Model UN, engaging in high-level geopolitical simulations

			Demonstrated advanced policy analysis, negotiation, and public speaking in competitive committee settings.
Model European Union/African Union	9,10,11,12	5 hours, 10 weeks	Represented school at international policy simulations, debating economic development, diplomacy, and global governance
Multicultural Club	11,12	1-5 hours, 8 wks	Organized International Education Week, school-wide event, promoting cultural awareness and student engagement. Coordinated logistics and increased event attendance by 10%.
Model United Nations Staff and Coordinator	11	12 hours, 10 weeks	Selected as Director for International MUN conferences; led committees and evaluated delegate performance. Appointed Under-Secretary-General of International Affairs for global virtual conference; oversaw international delegation coordination and programming.
TEAMS	10,11, 12	8 hours, 1 week	Selected to represent school in selective STEM competition, authored analytical essays, and applied interdisciplinary reasoning under timed conditions.
Sam Rhine Genetic Conference	9,10,11, 12	All Day Conference	Engage with leading geneticists on emerging biomedical research, innovations and cutting-edge developments in genetics and translational medicine.
Chess Club	9,11	2 hours, 20 weeks	Vice President (11th); helped organize meetings, mentor players, and increased student participation by 30%.
The Pennsylvania School for Excellence in Agriculture Sciences (Governors School)	Summer, 2020	2 week program	Selected from a highly competitive applicant pool to conduct research on agricultural inefficiencies in Guatemala; proposed sustainable solutions and presented findings at the Pennsylvania Youth Institute.
Pennsylvania's Governor's School for Global and International Studies	Summer, 2019	4 week Program	Selected from a highly competitive pool of applicants to attend the Governor's School for Global and International Studies. Engaged in debates with peers on the Environment, Sustainability, Global health, and Commodity Chains.

Johns Hopkins Center for Talented Youth Summer Program (Genetics)	Summer, 2018	3 week Program	Conducted laboratory experiments including obtaining DNA, PCR, Gel Electrophoresis, and Placement of Bioluminescent Plasmid in E. Coli.
Johns Hopkins Center for Talented Youth Summer Program (Introduction to Biomedical Sciences)	Summer, 2017	3 week Program	Learned the fundamentals of Anatomy and Physiology and performed dissections on sheep heart, cow eye, sheep brain, and fetal pig.
United States Department of Energy Science Bowl	9	3 hours, 5 weeks	Selected to compete in the United States Department of Energy Science Bowl on behalf of my high school.

COMMUNITY SERVICE ACTIVITIES

Activity	High school grade	hours per week /weeks per year	Position/Contributions
St. Clair Hospital Volunteering	9,10,11	4 hours per week/ 21 weeks per year	Escorted patients upon discharge, assisted to 3-5 patients weekly.
Teach Middle School Students Chess	11	2 hours per week/ 5 weeks	Instructed 10 Middle School students on the basics of Chess and facilitated a tournament at the end of the 5 week session.
Village Health Clinic, T-Begur Bangalore, India	10	5 hours per week/ 4 weeks	Volunteered to take blood sugar and blood pressure measurements for 5 hours a day for approximately 200 patients. Clinic has treated more than 1.9 million patients free of charge since 1973
Upper St Clair Strings Summer Camp Mentor	Summer, 2017	20 hours per week/ 2 weeks	Mentor a group of 4 young cello players for 4 hours a day. Completed activities with them such as simple music composing, group playing, and music presentations
Karunashraya Bangalore Hospice Trust Drives	May 2013 May 2015	20 hours a year/ 2 years	Organized Book, Clothing, and Toy drives to support Cancer Hospice Patients.

RESEARCH OPPORTUNITIES, INTERNSHIPS AND SHADOWING

Experience	High school grade	hours per week /weeks per year	Position/Responsibilities
Eco- Soap Bank	11	40 hours	Conducted research with Eco-Soap Bank Founder, to find mosquito repellent ingredients to include in the recycled soaps.
Allegheny Intermediate Unit Healthcare Apprenticeship	11	5 hours per month/ 5 months	Selected from a highly competitive pool of applicants to observe and shadow medical professionals in 5 different medical branches (Pharmacy, Medical Imaging, Radiology, ICU, and Pulmonology)
Primary Care Physician Shadowing (Netley D'Souza, M.D.)	Summer, 2019	5days/ 7hours	Observed diagnosis and treatment across diverse patient populations. Assisted with clinical documentation and gained exposure to real-world medical decision-making.
Consultant Neurologist Shadowing (Kiran Patil, M.D.)	Summer, 2019	5 day/4 hours	Observed evaluation and treatment of complex neurological conditions. Gained insight into diagnostic reasoning and patient management.
Basic Research Project at Mazumdar Shaw Medical Center, Bangalore, India	10	30 hours per week/4 weeks	Conducted literature review on gut microbiome's role in immunity and IBS. Developed and presented a research proposal under mentor guidance
Observation of Cardiothoracic Surgery	10	1 day/ 4 hours	15 students were chosen among 2 AP Biology Classes to observe a cardiothoracic surgery at Allegheny General Hospital.

Clinical Research Project at T-Begur Rural Health Clinic, Bangalore, India	10	5 hours per week/ 30 weeks	Designed and executed independent clinical research study. Managed IRB/ethics approval, data collection, and statistical analysis for diabetes test strip efficacy. Findings suggested cost-saving implications for low-income patients globally.
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HONORS AND AWARDS

Organization	High school grade	Honor/Award Details
National Merit Commended Status	11	Granted National Merit commended status as top 2% of est takers nationwide
AP Scholar with Distinction	11	Granted AP Scholar with Distinction award.
Saint Michael's Book Award for Academic Achievement and Social Conscience	11	Awarded the Saint Michael's Book Award for Academic Achievement and Social Conscience. The book award recognizes a student's academic success along with exemplary community service involvement.
Model UN Staff Awards	11	Best Director Award Received when Directing the ILO at International Visionary Youth MUN.
Model UN Award	11	Best Position Paper Award Received when representing Germany at Pitt MUN
National Honors Society	11, 12	Awarded for exemplary scholarship, leadership and character.
Borlaug Scholar	Summer, 2020	Recognized as 2020 Borlaug Scholar by the World Food Prize Foundation and Penn State, upon completing the Pennsylvania School of Excellence in the Agricultural Sciences.

USC High School	10,11	Highest Honor Roll: Maintained all A's through the semester.
Speech and Debate Awards	9,10,11,12	Tournament 2018 Quarter-Final, Quigley Catholic 1st Place Bethel Park Invitational Tournament 2019 Quarter-Final, West Allegheny Memorial Tournament 2nd Place State Qualifier 2019 1st Place Sterner City Invitational 2019 2nd Place, Pine Richland TriState Invitational 1st place Mercer Rotary Tournament 2020 2nd Place West Allegheny Memorial Tournament 2020 2nd place, State Qualifier 2020 3rd place
MYP Certificate International Baccalaureate Middle Years Programme Certificate	5-10	Awarded the International Baccalaureate Middle Years Programme Certificate for completing the academic and community service requirements and presenting a final thesis on my clinical research project on the accuracy of expired glucose test strips.
USC High School	9,12	High Honor Roll: Maintained all A's and B's throughout the semester.
Nominated for the Student of the Year Award	9	Nominated for Student of the Year Award by Mrs. Hughes, Algebra 2 teacher.

HOBBIES AND INTERESTS

Hobby/Interest	High school grade	hours per week /weeks per year	Additional information
Cello	9, 10	3 hours/30 wks	Practice cello for enjoyment and took Cello lessons.
Solving Rubik's Cubes	9,10,11,12	5 hours/45 weeks	Practiced competitive speed solving for tournaments.
Play Pickleball with friends	9,10,11,12	2 hours/ 5 weeks	Play Pickleball with friends at the local tennis and pickleball courts