

Praneeth Otthi, High School Junior
praneethotthipersonal@gmail.com
412-313-9786



PROFILE Hard-working and dedicated high school student with excellent science skills. Excellent organizational skills showed when managing clubs and volunteering. Well-rounded and professional team player dedicated to continuing academic pursuits at a collegiate level. Looking to experience and gain knowledge from a professional leadership opportunity to lead my community.

EDUCATION

Aug 2021 – Present	High Honors, North Allegheny Intermediate High School
	<ul style="list-style-type: none">• 4.00 Unweighted GPA• Highest Classes Possible (In the Junior Grade)• AP-Level Classes Related to Math: AP Calculus BC (5, 98%), AP Statistics (5, 97%), AP Computer Science (98%, current)• AP-Level Classes Related to Science: AP Physics 1 & 2 (5s, 97%), AP CSP (5, 98%), AP Physics C (100%, current) AP Chemistry (94%, current)

EXTRA-CURRICULAR ACTIVITIES

Aug 2021 – Present	Public Forum Event Leader, Speech & Debate
<ul style="list-style-type: none">- 2v2 Direct Debate Where Speakers Alternate- Placed Consistently in Debate Tournaments- 646 NSDA Points – 21 Tournaments- 80% Preliminary Win Rate (20/24 Rounds Won)- Debated in World Issues	

June 2023 – Present Paid Fellowship, World Affairs Council of Pittsburgh

- Fellowship about leadership and advocating for Youth Voice in our community.
- Planned presentations + design meetings. Further had the opportunity of leading a team of 7 other members through planning and design documents.
- Making a leadership course on public speaking openly available to the public.
- Tasked with leading a team involved with making interviews and gave recommendations of staff members.

Aug 2022 – Present Vice President, AI Club

- Conducted Meetings, Kept Attendance, Ran Outreach
- Through my constant advocacy and active teaching, I increased our attendance by ~30 members.
- Filled gap in learning about AI and provided an opportunity for learners to start their career in the world's #1 growing field.

Aug 2013 – Present Piano

June 2022 – Present Volunteer, Schoolhouse.World (Khan Academy Certified)

- Tutored Math Online to Kids in International Countries
- Prepared Materials and Slideshows to Teach Effectively
- >0 Hours in Total
- Current Physics Course Teaching 41 Learners About Mechanics + Olympiad Level Problems
 - o 11 Sessions = ~20 Hours of Class-Time
 - o High Learner Retention + Only Helpful/Super Helpful Reviews

Aug 2020 – June 2021 President & Sole Officer, Coding Club

- Founded + Lead club to teach and outreach computer science knowledge around my school. Around 30 members attended each meeting, where I then had to prepare material and curriculum. Through this initiative, increased awareness and knowledge that was lacking before.

Oct 2021 – Jan 2022 Chief Technology Officer, Mathlings (Volunteering)

- Created infrastructure related to online teaching, including helping with the website and setting up Zoom.
- Taught Competition Math to Elementary School Kids
- Tasked With Creating Material and Teaching
- 10.5 Hours in Total

Feb 2023 – Present Junior Instructor, Mathnasium (Job)

- ~200 Hours spent teaching Elementary – High School Level Math
- Tasked with teaching math concisely. Also held responsible for center activities, including general upkeep.

April 2023 – Present Chief Technology Officer, Chesspire

- Sole designer + builder of website chesspire.org
- Helped With Sponsors and General Planning
- Responsible for general administration of a summer camp held in July to teach and advocate advanced problem solving skills through Chess.

July 2023 – Present Founder & Administrator, Chesspire STEM

- Founded effort to teach AP-level Chemistry, Biology, and Physics to middle schoolers.
- 9 Students attended first session in December.
- Responsible for making and teaching Physics content, including 73 slides and a 30 problem test.

July 2023 – Present Founder & CTO, Teen Traders

- Sole designer + builder of website teentraders.org
- Started organization dedicated to spreading knowledge about business and stock investing to fulfill the increasing demand caused over the pandemic.

AWARDS

2024 PHSSL States Public Forum Debate Qualifier

2024 PHSSL States Public Forum Quarter-Finalist

- State Tournament in Bloomsburg, PA
- Achieved 6th Place out of 38 Entries Across the State

2023 USA Physics Olympiad Semi-Finalist

- Top 400 in the United States
- Achieved a 19/25 on 2023 F=MA (Pre-Qualifier)

2020 NSB Science Bowl Nationals 14th Place -- Buzzer-Based Competition in Teams

- Used Science Knowledge to Place Out of Over 9000 High School Students

2023 National Science Bee Finals 20th Place

- Qualified for Finals in Washington D.C.

2022 HTR 3rd Place – High School Coding Competition in Teams

- Local Hackathon – Demonstrated Programming Knowledge

NFMC Junior Festival 10th Year Cup – Trophy From 10 Years of a “Superior” Rating

- National Federation of Music Club
- Piano Competition With Two Judges and Two Pieces
- Scored from a “1” to a “Superior”

2023 PHSSL States Impromptu Qualifier

2023 USA Biology Olympiad Honorable Mention

PERSONAL PROJECTS

Mental Mastery (2021, Finished)

- Every solution to mental health involves outside activity that creates insecurity and anxiety
- Created app that gives people with mental health issues ability to talk to someone anonymously and free
- HTML Frontend + Node Server Backend

A Ban on Cigarette Filters (2024, Ongoing)

- Personal Effort to Ban Cigarette Filters, which the *NIH '23* quantifies as the deadliest fraud in human history (Source linked below).
- Emailed Pittsburgh City Council + Cigarette Companies
- Plan to Expand Outreach + Efforts

ClubHub (2023, Ongoing)

- Allows companies the ability to branch out to high schoolers with opportunities such as Internships, Volunteering, and other related opportunities
- React Frontend + Express Server Backend
- **Leading** team of 4 other people to build the app effectively and efficiently.
- Expected time of completion: February 15

Robo-Mate (2020, Finished)

- During pandemic, saw need in community for easy delivery of groceries between neighbors.
- Developed algorithm to find the shortest path between multiple houses using the Travelling Salesman Problem and the Google Maps API
- Used Raspberry PI, Motors, Python to Build Complete Robot + Test

Science Bowl Question Compiler (2019, Finished)

- Made Python Web-Scraper to Scrape Questions from Online Sample Question PDFs
- Solved Problem of No Centralized Question Bank