

BRIAN CHIN

862-216-2246 | brianchin.mail@gmail.com | <https://www.linkedin.com/in/brianhchin/>

EDUCATION

The Pingry School High School, Basking Ridge, NJ

Expected Graduation: June 2024

- Current Relevant Classes:
 - AP Biology
 - Honors Pre-Calculus
 - Physics
- Past Relevant Classes:
 - Honors Biology
 - Honors Chemistry

Brown University Pre-College Program, *Student*

July 2021-August 2021

- Programmed the movements of a functional rover in the Arduino coding language

Duke University Pre-College Program, *Student*

July 2022-August 2022

- Learned about the various topics in the field of Particle Physics

EXPERIENCE

AP Biology Research Project, *Researcher*

September 2022-present

- Working on a project that measures the efficiency of duckweed growth at different pH levels
- Developed working lab skills
 - Learned to use a Spectrophotometer to measure light absorbance levels
 - Created various complex solutions to measure starch levels
- Continue to develop research paper writing skills
- Set up daily meetings with teachers and group mates to progress in the project

Cambridge Centre for International Research, *Researcher*

June 2022-present

- In the process of writing a scientific paper that will be published in an international journal
- Learned to operate the Matlab data analysis program through graphing data sets
- Worked with a post-graduate mentor from Cambridge University, Dr. Alejandro Carnicer-Lombarde, to complete research on COVID-19's effects on the human brain
- Part of a handful of students who have done outstanding research and was invited to a podcast to present research results

Pingry's Vital Signs Newspaper, *Writer/Lead Editor/Publisher*

May 2022-present

- Wrote articles in the newspaper:
 - *COVID-19's Impact on the Russian President Vladimir Putin*
 - *Taliban a Year on*
- Research ideas for publication from various sources including newspapers, journal articles, and previous writings from the Vital Signs Newspaper in order to write an article

- Supervised a large group of editors through weekly progress reports

Pingry Journal Club, Member

September 2021-present

- Developed presentation skills by presenting a summary of a 10-page scientific article on the Philadelphia Chromosome to a group of 20 people
- Managed a group project by having biweekly progress report meetings
- Organized monthly progress meetings with the teacher

UPcheive, Volunteer

September 2021-present

- Served over 100 hours as a volunteer math tutor for the online program
- Learned to create on-the-fly lesson plans
- Built rapport and trust with students to properly facilitate learning

Summit TRYcan, Mentor/Volunteer

September 2020-present

- Mentor and coach students in social skills
- Coordinated weekly games and activities for mentally challenged individuals

Pingry Varsity Squash, Player

November 2021-Present

- Attended daily practices
- Participated in the Interscholastic National Championship

STEM Research Club, Co-Leaders

September 2021-present

- Research and facilitate weekly topics of discussions