

Preston C. Taylor

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EDUCATION

Georgia Institute of Technology- Atlanta, GA
Biomedical Engineering (4.00 GPA, Sophomore)

July 2023- Present

Paulding County High School- Dallas, GA

Class of 2023

- **Valedictorian** (graduating class of 460 students)
- **Biotechnology Pathway:** Developed skills and experience in PCR, qPCR, Gel Electrophoresis, Bacterial Culture, Spectrometry, Bacterial Transformation, Etc.

EXPERIENCE

Chemical Engineering Intern, Allnex

June 2022 – August 2022

- Worked 240 hours over the summer in analytical chemistry for a leading resin company.
- Developed Skills in Gas Chromatography, HPLC, GPC, Acid-Base Titration, and NMR Analysis for the analytical team in the XLR business unit at Allnex.
- Returned to help lead the C.E.A.M.L.E.S.S. youth education summer camp in June 2023.

LEADERSHIP

President of FBLA, DECA, and National BETA Club

Aug 2019 – May 2023

- Served as the High School President of three clubs surrounding business principles and community service.
- Led teams to state and national competitions and conferences, delivered speeches to local chamber of commerce, and hosted clothing and food drives.

SKILLS

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|---------------------|-------------------|
| ▪ Leadership | ▪ Data Analysis |
| ▪ Critical Thinking | ▪ Time Management |
| ▪ Adaptability | ▪ Public Speaking |

RESEARCH

- **Independent Plant Biochemical Research (2021-23):** Developed stomatal altering chemical irrigation additives. Awarded 1st Honors at the Georgia State Science Fair, and the USDA State Research Award. Our research was additionally awarded by Yale University and received multiple interviews from National Geographic.
- **Group Ornithology and Hematology Research (2020-2023):** Humanely captured targeted songbird species, applied US DOI bands, and took feather/blood samples that were processed for malaria and blood born illness research.

ADDITIONAL INFORMATION

- **Global Experience/Focus:** I partook in the Georgia Tech First Year Semester Abroad program, traveling to 13 countries exploring new cultures and landscapes.
- **Volunteer Experience:** Over 500 hours of community service since 2019. Including a local church, Special Olympics, and STEM education nights. I additionally have given over a dozen presentations to local elementary and middle schools about various STEM topics.