

CURRICULUM VITAE

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Updated January 4, 2025

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Education:

2028 High School Diploma, Lowndes High School, Valdosta, GA
GPA: 4.0 Unweighted, 4.4 Weighted
2025 AP Calculus BC
2025 AP English Language and Composition
2025 AP United States Government and Politics
2024-2025 AP Biology
2024 AP Precalculus
2024 AP European History

AWARDS AND HONORS

2024- Official Delegate and Fellow of the American Junior Academy of Sciences
2024- National Student Board of Director at the National Museum of Education
2024 University of Georgia Mathematics Department Award, GSEF (Georgia Science and Engineering Fair)
2024 Best in Category, First Honors, Robotics and Intelligent Machines, GSEF
2024 Thermo Fisher Scientific Junior Innovators Challenge Submission
2024 Georgia Future Business Leaders of America State Event Winner (2x)
2024 Best in Fair, Abraham Baldwin Agricultural College SEF
2022-2024 Technology Student Association National Event Winner (4x)
2022-2024 Technology Student Association National Event Finalist (10x)
2022-2024 Georgia Technology Student Association State Event Winner (29x)
2022-2024 Congressional App Challenge Winner (3x)

ACTIVITIES (SELECTED)

2020- YoungWonks Coding School
2020-2023 [Level 1-5 Certifications](#) (e.g., machine learning, full stack development)
2024- NASA App Development Challenge
2021- Independent App Development
2022-2023 Presented Safeology, a novel app-based approach to improving school entry mechanisms for safety, at House of Code.
2023- Presented ICUSpeak, a communication app for pre- or post-surgery patients, at House of Code, VAD VIP Day, and to Medtronic.
2024- Developed Redove, a virtual reality application to prevent depression in vulnerable patient demographics, with faculty from Harvard Medical School.
2021- Technology Student Association; held offices of Reporter, President
2023- Independent Student Research
2023-2024 Developed Glioblased, a machine learning-based approach to detect glioblastoma in histopathological slide images with 98% accuracy.
2024- Developed NEXT 3D, a pre-clinical tool simulating nanoparticle interactions with the blood brain barrier to assist in design efficacy evaluation.
2024- Science Club
2024- HOSA
2024- Future Business Leaders of America
2024- Independent Python Development