

## CURRICULUM VITAE

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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

**2025- Sigma Xi Associate Member**  
2025 Georgia Future Business Leaders of America Mobile Application Development 1st  
**2025 NASA App Development Challenge Winner**  
2025 Georgia Junior Science and Humanities Symposium Presenter  
**2025 Fellow of the American Junior Academy of Sciences**  
**2025-2026 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, Robotics and Intelligent Machines, GSEF**  
2024-2025 Best in Fair, Abraham Baldwin Agricultural College SEF (2x)  
**2022-2025 Congressional App Challenge Winner (3x)**  
**2022-2024 Technology Student Association Competitive Event Winner (4x), Finalist (10x)**  
2022-2024 Georgia Technology Student Association Competitive Event Winner (29x)

### ACTIVITIES (SELECT)

2020- YoungWonks Coding School  
2020-2023 [Level 1-5 Certifications](#) (e.g., machine learning, full stack development)  
2021- Independent Python Development  
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 executives.  
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 Glioblasted, 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 / Science National Honor Society  
2024- Future Business Leaders of America

