

Adam Albert

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(239) 777-3958

Education

University of Florida

B.S. Material Science and Engineering
GPA: 3.92/4.00

May 2028

High School

Homeschool / Florida Gulf Coast University Advanced Collegiate Experience Program
ACT: 35 / 4.0 Unweighted GPA
FGCU General Education Requirements Met

May 2024

Research Experience

Undergraduate Researcher, University of Florida

January 2025 – Present

- Certified in lab safety as part of Professor Juan Claudio Nino's research group
- Admitted to the 2025 University Scholars Program for the electrical characterization of advanced materials using electrical impedance spectroscopy

NSF-REU, 2DCC/NANOFAB Penn State University

May 2025 – August 2025

- Trained in atomic force microscopy, scanning electron microscopy, Raman and PL spectroscopy, and high vacuum annealing
- Worked with Dr. Chen Chen and Dr. Rohini Sanikop in Dr. Joan Redwing's lab on enhancing the quality of transferred MoS₂ thin films through annealing
- Completed and presented research poster at the July 31st symposium at Penn State

Research Assistant, Florida Gulf Coast University

January 2023 – June 2024

- Assisted Dr. Durgesh Wagle in several ongoing projects and participated in a publication
- Became the first high school student to complete an Honors Thesis in FGCU history
- Operated GaussView and Gaussian software to run optimization processes
- Trained in lab safety and received a certification from Florida Gulf Coast University

Teaching Experience

Teaching Assistant, Florida Gulf Coast University

January 2023 – May 2024

- Held weekly office hours and assisted Instructor Ian Campbell in General Chemistry I
- Developed leadership, interpersonal, and communication skills
- Invited to guest lecture on several occasions

Activities

- Gator Marching Band, Trumpet
- Kappa Phi Epsilon Fraternity
- Weightlifting
- Younglife leader, Eastside High School