

## Kayla Vallere

Douglasville, Georgia • 678-532-4011 • kvallere3@gatech.edu • www.linkedin.com/in/kayla-vallere

### EDUCATION

#### GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, Georgia

August 2023 - May 2027

- Woodruff School of Mechanical Engineering
- Scholarships: Zell Miller, Ron Brown Program, Louquender Robinson Memorial, Valero Freshman Engineering
- Significant Leadership Activities: Event Coordinator of Nelson-Shell Hall Council

#### CAMPBELL HIGH SCHOOL

Smyrna, Georgia

August 2019 - May 2023

- GPA: 4.78/4.00 Weighted | 4.00/4.00 Unweighted
- International Baccalaureate Diploma Recipient
- Awards: Georgia Certificate of Merit, Questbridge College Prep Scholar, National African American Recognition Program
- Significant Leadership Activities: President of Helen Ruffin Reading Bowl, Event Coordinator of Key Club, Secretary of Beta Club

### EXPERIENCE

#### SEAMLIST CHIEF PRODUCT OFFICER

Atlanta, Georgia

May 2024 - Present

- Collaborate with startup founder and team to develop Seamlist, an automated book marketing tool and software dedicated to independent authors

#### GT 1000 TEAM LEADER

Atlanta, Georgia

August 2024 - December 2024

- Assisted instructors in guidance and advising for First-Year Seminar course for incoming first-year students to ensure successful transition to campus and the GT community

#### GEORGIA TECH DINING

Atlanta, Georgia

March 2024 - December 2024

- Served food to customers while ensuring guest satisfaction and anticipating the customers' needs
- Maintained a clean and organized work area, preparing and restocking food items as needed

#### COBB COUNTY ELECTIONS DEPARTMENT

Smyrna, Georgia

June 2022 - December 2022

- Collaborated in teams of 5 to 7 poll workers and managers to set up and closed polling stations
- Greeted over 1000 voters and directed voters to polling stations and confirmed voter IDs on poll pads

#### AUSTELL YOUTH INNOVATION CENTER

Austell, Georgia

June 2022 - September 2022

- Guided campers during weekly cooking, cartooning, and coding lessons
- Motivated and oversaw campers in team building, outdoor activities, tutoring sessions, and field trips

### RESEARCH/PROJECTS

#### ME 1670 INDIVIDUAL PROJECT

Fall 2023

- Designed a miniature dump truck through application of CAD principles via SolidWorks
- Drafted 10 page report detailing the process of design, CAD features, tolerance analysis, and assembly

#### IB EXTENDED ESSAY

Fall 2021 - Spring 2023

- Conducted independent research and completed an approximately 3500 word essay analyzing the utilization of Azolla pinnata as an inexpensive biofertilizer and biofuel in Oryza sativa production and discovered its application promotes environmental sustainability compared to synthetic fertilizers

### SKILLS/INTERESTS

**Languages:** English, Spanish

**Skills:** Microsoft Office, Solidworks, MATLAB

**Activities:** Residence Hall Association Programming Committee, Kidney Disease Screening and Prevention

**Interests:** Creative Writing, Economic and Environmental Sustainability