

KATHERINE DICKENSON

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EDUCATION AND CREDENTIALS

Georgia Institute of Technology, Atlanta, GA

Exp. May 2025

Bachelor of Science in Computer Science, College of Computing

- Minor in Law, Science, and Technology, Ivan Allen College of Public Policy
- Certificate in Entrepreneurship, Scheller College of Business

PROFESSIONAL EXPERIENCE

Delta Airlines, Atlanta, GA

Fall 2023 and Summer 2024

Operations and Analytics Intern

- Developed a predictive model to anticipate future flight taxi times by analyzing historical data.
- Identified and resolved an arrival time issue at major U.S. airports, presenting solutions to leadership.
- Developed a dashboard displaying flight data and error rates, enabling cross-divisional coordination.

Martenson, Hasbrouck, and Simon, Atlanta, GA

May 2023 – July 2023

Legal Intern

- Bridged the gap between legal and technical proficiency to enhance daily work and client deliverables.
- Optimized data analysis programs already in use, improving their speed by up to 8000%.
- Assisted in the investigation, analysis and organization of lawsuits and implementation of strategy.

NASA, Kennedy Space Center, FL

Jan. 2023 – May 2023

Systems Engineer Pathways Intern

- Assessed software for security vulnerabilities that could directly impact the mission to the moon.
- Using a country wide database cross-referenced with a local one, produced a quantitative analysis of software safety within the company.
- Revised legal framework governing contractor obligations and liabilities for distributed manufacturing of Artemis rocket components.
- Worked closely with the legal team to ensure adherence to government regulations for deliverables.

Lockheed Martin, Remote

May 2022 – Aug 2022

Software Engineer Intern

- Designed, developed, and documented open-source software adopted company-wide to enhance efficiency and usability.
- Met weekly with executive leadership to align work with organizational objectives.

Georgia Tech Alumni Association, Atlanta, GA

Jan 2022 – May 2022

Student Assistant

- Authored articles for the Alumni Association website and newsletters, highlighting events and alumni.
- Honed public speaking skills through presentations to alumni and leadership on improvement strategies.

STUDENT INVOLVEMENT

Georgia Tech Ambassadors, Atlanta, GA

Feb 2024 – Present

Student Ambassador

- Selected from a rigorous application process to serve as an official representative of the school.
- Represents the diverse student body at high-profile events with top donors and institution leadership.
- Conducts engaging campus tours for prospective students, families, and distinguished visitors.

Student Alumni Association, Atlanta, GA May 2023 – May 2024

President

- Elected leader of one of the largest clubs on campus that hosts weekly events, mentorship programs, and seminars with the goal of connecting students and alumni.
- Developed a new team wide process for event organization that eliminated errors, late deliverables, and oversight, resulting in 100% efficiency and on-time performance.
- Directly managed an executive team of 30 students with a goal of club advancement.
- Hosted the largest events the club has seen, totaling attendance of over 1,000 students.
- Led the club to win Organization of the Year for first time in Georgia Tech history.

Vice President of Operations

May 2022 – May 2023

- Direct creation and development of a new tier membership system based on involvement data.
- Served as central authority directing a team that analyzes, interprets, and acts upon member data.
- Oversaw all task delegation and operations innovation of processes on student-led side.

Vice President of Membership and Marketing

May 2021 – May 2022

- Fostered involvement opportunities for 6,000 general body club members.
- Marketed and organized events that are available to tens of thousands of students.
- Singlehandedly organized and orchestrated multiple weekly meetings for a committee of 10.

NASA, Kennedy Space Center, FL

Feb 2023 – May 2023

Director of Intern Engagement

- Led an organization that engages interns from nationwide NASA centers.
- Hosted the first NASA Symposium with representation from all NASA locations.
- Involved NASA officials, up to the level of Director, with students to share career advice.

Zeta Tau Alpha, Atlanta, GA

Nov 2021 – Nov 2022

Senior Programs Director

- Spearheaded coordination and planning of events for an organization of over 200 members.
- Chaired organization-wide meetings as lead spokesperson, effectively communicating and fostering collaboration.
- Cultivated an inclusive environment by advocating for the diverse perspectives across the organization.

Head of Activities

Nov 2020 – Nov 2021

- Organized 12 different teams across 8 different sports for an organization of over 200 members.
- Pioneered the formation of the organization's first coed teams by collaborating with similar male groups, which soon became a schoolwide standard.

AWARDS AND HONORS

Organization of the Year Award

April 2024

- Received on behalf of the Student Alumni Association due to work as President.

Zell Miller Scholarship Recipient

June 2020 – Aug 2024

- Merit based scholarship fully covering 127 credit hours of tuition.

Dean's List Scholar

Aug 2020 – Present

ADDITIONAL INFORMATION

Notable Coursework: Junior Design – Mobile Application for Brain Trauma Assessment, Computer Law, International Business Law, Pre-Law Seminar, Legal Aspects of Business, Computing and Society

Interests: Traveling, Skiing, Running, Photography and Videography, Sushi-Making, Upcycling Clothing