

MEGAN DOWDELL

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University Park, FL 34201

EDUCATION

University of Tampa - Tampa, FL

Bachelor of Science: Mathematics with Computer Science

Expected in 2026

- Relevant Coursework: The Science of Computing I & II, Applied Statistics, Introduction to Higher Mathematics, Linear Algebra
- Leadership: Program Chair, Girls Who Code Club; New Member Officer, Math Club
- Activities: Women's Club Lacrosse, Campus Cats Club
- GPA: 4.0
- Dean's List Fall 2024
- Merit Scholarship Recipient

University of Georgia - Athens, GA

Bachelor of Science: Mechanical Engineering

8/2023-12/2023

- Relevant Coursework: Differential Equations, Physics, Public Speaking

Northeastern University - Boston, MA

Bachelor of Science: Mechanical Engineering

8/2022-1/2023

- Honors: University Scholars Program
- Relevant Coursework: Calculus III, Chemistry, Cornerstone of Engineering, English II
- GPA: 3.852

The Out of Door Academy - Sarasota, FL

High School Diploma

8/2015-6/2022

- Salutatorian
- GPA: 4.49 (weighted)
- ACT: 35
- AP Coursework: Calculus AB, Calculus BC, Statistics, Computer Science A, Physics I, US History, Latin, Psychology, Microeconomics, Macroeconomics.
- Activities: Varsity Women's Lacrosse Team Captain (2021 & 2022), Starter, Most Valuable Player (2022); Varsity Women's Soccer
- Leadership: Automotive Engineering Club, Co-chair; Mindfulness Club, Co-Chair
- Student Admissions Team: Coordinator & Tour Guide (150+ hours, 2016-2022)
- Peer Tutoring: Engineering, Mathematics, Science, Latin (2020-2022)

SKILLS

- Programming Languages: Python, R, Java (Introductory), C++ (Introductory)
- Software Tools: AutoCAD (Introductory)

INTERESTS

Mathematics; Computer Science/Programming; Auto Repair/Automotive Engineering; Travel; Baking; Lacrosse; Animal Care

WORK HISTORY

Babysitter | Sarasota, FL

01/2023 - Current

- Provided attentive childcare services, fostering a safe and engaging environment for children.
- Assisted with meal preparation, bedtime routines, and organizing activities tailored to each child's needs.

Restaurant Hostess | Ford's Garage - Sarasota, FL

12/2023 - 06/2024

- Greeted and seated guests, managed reservations, and ensured efficient table turnover.
- Demonstrated strong multitasking skills by handling telephone inquiries while attending to in-person guest needs seamlessly.

Facilities/Engineering Intern | Jackson Laboratory - Bar Harbor, ME

05/2023 - 07/2023

- Worked with various members of the facilities and engineering department to observe and learn about applications for electrical and mechanical disciplines.
- Was exposed to construction sites by walking the sites with the Owner's Superintendent.
- Learned about Electrical and HVAC systems and their controls and worked outside of my training area to assist with creating a high-performance epoxy wall and floor coating standard.

Property Management Intern | Ian Black Real Estate - Sarasota, FL

05/2022 - 07/2023

- Was responsible for assisting the property management team with tenant communications.
- Managed the single database for property operations and performed onsite visits to properties and executed inspections.

VOLUNTEER WORK

Teen Health Educator | Healthy Teens - Bradenton, FL

01/2020 - 06/2022

- Part of the Teen Health Educator Program.
- Received extensive training on important topics such as mental health, sexual health, substance abuse, bullying, etc.
- Educated youth in my community through various presentations about physical, mental, and emotional health.

Brain Health Scholar | Virtual (Boston, MA / Lakewood Ranch, FL)

08/2020 - 01/2022

- Was nominated to participate in the inaugural class of the Brain Health Initiative Brain Health Scholar Program.
- Participated in didactic training related to the science of brain health and the scientific process of community-based research that translates science into action to promote and protect brain health, fight brain illness, and improve brain performance for all ages.

Lacrosse Team Captain, Coach, and Member | True Lacrosse - Lakewood Ranch, FL

- Member of the True Lacrosse Club Team for 5 years; elected Captain for the

09/2017 - 08/2022

2021-2022 season.

- Liaised with head coach to discuss collective insights on chemistry, focus and mindset and worked together to co-lead team.
- Coached a youth team for a season after I graduated high school and was ineligible to play.