

Erin Gavin

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EDUCATION

University of Georgia *Athens, GA*

Present – May 2025

Bachelor of Science in Environmental Engineering

GPA - 3.76 / 4.00

Honors – Presidential Scholar (S22), Dean’s List (F21, F22)

PROFESSIONAL EXPERIENCE

University of Georgia College of Engineering *Athens, GA*

May 2023 - Present

Research Assistant in Compound Inundation Team for Resilient Applications

Processed in-field data through MATLAB computations to visualize results.

Utilized EPA’s SWMM program to run flooding simulations.

Collected field data from an on-site location for further evaluation.

University of Georgia College of Veterinary Medicine *Athens, GA*

September 2022 – May 2023

Student Worker in Office of Academic Affairs

Sorted sensitive admissions data for the use of the admissions department.

Conveyed application information to prospective students through email and phone calls.

Created templates for admissions data and information to be shared with students.

Assisted superiors with various tasks to continue the efficiency of the department.

Bryan County Schools *Richmond Hill, GA*

May 2019 – May 2021

Student Intern in Technology Department

Diagnosed and repaired student and staff technology issues.

Communicated effectively with students to discuss steps for repair.

Issued and distributed devices to more than 2,000 students.

Saved costs within the department through using broken computers to repair newly issues devices.

CAMPUS AND COMMUNITY INVOLVEMENT

Society of Women Engineers –

Vice President

May 2023 - Present

Special Events Chair

May 2022 – May 2023

Society of Environmental Engineers –

General Body Member

August 2021 - Present

Environmental Engineering Design and Methodology Project -

Spring 2023 - Present

Under the direction of professor, Jenna Jambeck, a team of 4 undergraduate Environmental Engineering students are working to implement a microplastic filter in the residential halls of the University of Georgia.

RELEVANT COURSEWORK

ENGR 2120 (Statics), ENGR 1120 (AutoCAD), ENGR 1140 (MATLAB), Calculus I-III, Design Methodology

RELEVANT SKILLS

Proficient in data entry and visualization in Excel, Competent in SWMM and CUMFREQ software.