

Megan Jermak

megjermak@gmail.com | mjermak3@gatech.edu | (716) 445 -1605 | LinkedIn: Megan Jermak

Education

Georgia Institute of Technology - College of Engineering **Atlanta, GA**
Bachelor of Science in Civil Engineering with Research Designation & Minor in Sustainable Cities
GPA: 3.73/4.0 – Dean’s List & President’s List all semesters August 2021 - May 2025

Involvement: 3484 Student News Magazine, American Society for Civil Engineers, GT Solar Decathlon.

University of New South Wales **Sydney, Australia**
Exchange January - May 2024

Sustainable Development Experience **Kigali, Rwanda**
Met with academics and professionals to discuss sustainable development. March 2023

Relevant Coursework: Wind Energy Conversion, Industrial Ecology, Coastal Engineering, Structural Engineering, Environmental Engineering Systems, Global Engineering Leadership, GIS, Civil Engineering Materials, Fluid Mechanics, Deformable Bodies, Civil Engineering Systems, Community Development.

Platforms: ArcGIS, ProjectWise, OpenRoads, PondPack, AutoCAD, Civil3D, Microsoft Suite, Social Hotspot Database (SHDB), Product Social Impact Life Cycle Assessment Database (PSILCA), SimaPro, openLCA.

Work Experience

Arcadis **Atlanta, GA**
Stormwater Traffic Intern June 2024 -Present

Working in a team on a variety of stormwater design projects for roadways throughout the Southeast. Gaining a proficiency in the use of Bentley products and the production of MS4 and ecological impact reports.

Georgia Institute of Technology, Social Equity and Environmental Engineering Lab **Atlanta, GA**
Research Assistant June 2024 – Present

Performing critical reviews and leading usage of lifecycle databases for social & environmental lifecycle assessments. Working currently on EVs, lithium mining, and emerging lithium recycling programs.

Wendel Companies **Buffalo, NY**
Energy Engineering Intern May 2023 - August 2023

Collaborated on energy efficiency, electrification, and green energy projects, including LED streetlight conversion and decarbonization of universities. Developed proficiency in professional use of Excel and GIS.

Georgia Institute of Technology, Serve-Learn-Sustain **Atlanta, GA**
Public Interest Technology Fellow August 2022 - April 2023

Created and implemented an ethics course for Georgia Tech engineers highlighting the importance of community engagement in engineering and the best practices to do so.

West Atlanta Watershed Alliance **Atlanta, GA**
Community Organizing Intern May 2022 - August 2022

Assisted with community education and organization via the Atlanta Watershed Learning Network. Began planning the construction of outdoor classrooms; gained experience canvassing and using census data.

The Maid of The Mist **Niagara Falls, NY**
Deckhand May 2023 - August 2023

Assisted in ensuring a safe, enjoyable, and memorable experience for thousands of passengers from around the world in a team based and fast paced environment.

Leadership

United Nations Millennium Fellowship, 2023 Cohort — engaged with an international cohort learning about socio-environmental innovation & created a toolkit for students seeking involvement in the field.

Georgia Tech Office of Undergraduate Education Student Advisory Board Member, 2023 Cohort — advised the Vice Provost’s Office, focusing on campus-wide integration of sustainability in curriculum.

Building for Equity and Sustainability Team Leader — coordinated a team of 10 students and organized collaboration with staff at West Atlanta Watershed Alliance to design an outdoor classroom.