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# Jackson Robider

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**My goal is to gain knowledge on the application of engineering designs in the real world, with hopes that I can help to optimize them and lessen their impact on the environment. My interests include environmental mitigation, hydrology, and water resource management. I enjoy visiting small towns, coffee, calisthenics, and hiking!**

## EDUCATION

**University of Georgia, Athens** - *BS in Environmental Engineering, Minor in Ecology*

August 2020 - December 2024

- Spring 2021 Presidential Scholar
- 3.78 Cumulative GPA as of 01/09/2023
- **Relevant Courses:** Strength of Materials, Fluid Mechanics, Organic Chemistry, Environmental Urban System, Natural Resources Engineering
- **Relevant Laboratory Techniques:** Reflux, Fractional Distillation, Turbidity Analysis

## EXPERIENCE

**UGA CORE MPO Project, Athens, GA** - *Research Assistant*

December 2022 - Present

- I have been tasked to use EPA SWMM to create a simplified model of stormwater infrastructure in Chatham County, GA. I use ArcGIS and WMS to model and analyze the area. I'm also tasked with gathering research literature.

**Savannah Quarters Country Club, Savannah, GA** - *Lifeguard*

May 2021 - August 2021, May 2022 - August 2022

- I was a shallow water pool lifeguard. While there I had to monitor swimmers, test and use pool chemicals to maintain water integrity, and create the work schedule for my coworkers.

**UGA Innovation Factory, Athens, GA** - *Team Member*

August 2020 - April 2021

- I helped to develop a Machine Assembly AR application using Vuforia Studios. While on the team, I used Javascript and Matlab to help code the app.

**At Home Homegoods Store, Athens, GA** - *Store Associate*

August 2021 - March 2022

- I was a store floor associate who worked with customer service and the unloading of freight inventory.