Internship

Requirements:

1. Pursuing an undergraduate degree in relevant field. ex. Business, Engineering, Human Rights etc.
2. Be an undergraduate maintaining a GPA greater than 2.3.
3. Willing to dedicate roughly 10 hours per week during the semester and up to 20 during the summer. Flexible schedules are available.

Application Process:

- Personal statement indicating the thematic area of interest and any experience you have had in research.
- Unofficial transcripts
- Name of a faculty member or collaborator for reference

Apply Here:

https://forms.gle/L83gm4c514YgK7hX8

Research Areas

Storm Preparedness
Weather forecasting, statistical and machine learning modeling for outages, flood modeling and climate change impact analysis

Vegetation Management
Mapping tree risk and forest health using remote sensing techniques, assessing outcomes of roadside forest management strategies, evaluating rate payers risk perception, analyzing tree biomechanics data

Electric Grid Reliability and Resilience
Evaluating the efficiency of grid resilience initiatives, evaluate climate change effects on power outages, and perform economic analysis of resilience improvements

Cyber Security
Algorithms, tools and platforms to identify, detect, localize and respond to cyber physical attacks with increasing integrations of electric grid of things.

Renewable Energy
Renewable energy modeling for generation, characterization, analytics and grid integration

Energy & Environmental Justice
Developing solutions to problems of environmental injustice and energy inequity in the conventional and green energy sectors, to ensure accessibility, affordability, safety, and sustainability across all communities and demographics