

AALIYAH TIMMS
(XXX) XXX-XXXX ▪ aaliyahtimms@outlook.com
linktr.ee/aaliyahtimms

EDUCATION

Texas A&M University-Corpus Christi
Bachelor of Science in Civil Engineering
Minor in Management Information Systems
Cumulative GPA: 3.6, Major GPA: 3.5

Expected December 2024

SKILLS

ArcGIS Pro, Autodesk AutoCAD, Autodesk Inventor, MATLAB, Microsoft Office

EXPERIENCE

Water and Environmental Systems Analysis Lab (WESA)

February 2022 – Present

Student Research Assistant

Corpus Christi, TX

- Operate an Advanced Hydrology and Rainfall Apparatus to conduct laboratory experiments and analyze stormwater runoff and infiltration.
- Measure and record soil moisture using the HydroSense II Handheld Soil Moisture Sensor.
- Evaluate the spatial pattern of the soil moisture content in different impervious surface scenarios.
- Utilize the Label Objects for Deep Learning tool in ArcGIS Pro for digitalization.
- Assist in the building and installation of the weather station for tracking rain patterns, soil moisture, and temperature.

RESEARCH PRODUCTS

Timms, A., Goulden-Brady, I., Techapinyawat, L., Garcia, H., Zhong, W. Investigating the impacts of surface imperviousness on runoff generation through laboratory experiments based on an advanced hydrology apparatus. Poster presented at Texas A&M University System 18th Annual Pathways Student Research Symposium; March 2-3, 2023; Galveston, TX

This symposium allowed students to present their research to other students, faculty, and judges while being provided feedback and learning opportunities.

HONORS AND AWARDS

Dean's List: Fall 2021, Spring 2022

Presidential Scholarship, 2021 – 2022

ACTIVITIES

Islander Civil Engineers (ICE) at TAMU-CC, Treasurer

Fall 2022 – Present

- Work with a team of three fellow students to put together monthly events to share with civil engineering students at TAMU-CC.
- Prepare an operating budget for ICE activities for the semester.
- Maintain a complete file containing all paid bills and receipts of ICE purchases.
- Maintain a detailed list of membership money received.
- Report to the attendants at each weekly leadership meeting, updating them on the account balances.

References available upon request.

