

Josephine Murphy

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(901) 005-2916

EDUCATION

Master of Science in Earth Sciences

University of Memphis, Memphis, TN

Expected Graduation Date: Dec 2018

GPA: 3.88

Bachelor of Science in Biology, Minor Earth Science, May 2015

Christian Brothers University, Memphis, TN

GPA: 3.62

RELEVANT COURSES

Groundwater Hydraulics Aqueous Geochemistry, Regional Planning
Honors Molecular Biology, Parasitology, World Regional Geography

RESEARCH

Research Assistant, Aug 2017-Present

- Assist with various lab tests for soil types in farm lands
- Studying water drainage systems of local farms

EXPERIENCE

Intern, May 2017- Present

Department of Agriculture, Memphis, TN

- Assisting with drainage and irrigation system establishment
- Assisting with research projects on soil types
- Collecting data, creating daily reports and weekly presentations
- Assist office staff in with any clerical work as needed

Geographic Information Systems Technician, Jan 2016 - Apr 2017

University of Memphis

- Created maps and analyses for local community partners using GIS (Geographic Information Systems) software
- Identified community assets, neighborhood revitalization, utility and public works infrastructure mapping, disaster planning and preparedness, environmental condition surveys, etc.

VOLUNTEER

Bridge Builder, AmeriCorps, Jan 2016 – Jan 2017

- Preparation and logistics of program components
- Managed set-up of experiential learning and adventure-based education activities and served as role model

ACTIVITIES

Treasurer for Geography Club, Jan 2018 - Present

Phi Kappa Phi Honor Society, Jan 2017 - Present

Member of CBU Honors College, Aug 2013 - May 2015