

# Shonta Wearren

## Soil Conservationist

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### Profile

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#### Details

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As a Soil Conservationist for the last 5 years, I have helped protect and preserve our natural resources by working with farmers on their land management practices. I have also worked with local and state government officials on enacting policies to prevent soil erosion. In addition, I have given countless educational presentations to school groups and community organizations about the importance of good stewardship of our soils.

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### Employment History

#### Soil Conservationist II at Agricultural Conservation Practices in Iowa, IA

Jun 2022 - Present

- Led a team of 3 soil conservationists in conducting research on the effects of tillage methods on crop yields.
- Analyzed data from over 100 farms and concluded that no-till farming had the most positive effect on both corn and soybean production.
- Presented findings to local, state, and federal government officials as well as key members of the agricultural industry.
- Worked with farmers to develop individualized soil conservation plans based on their specific needs and goals.
- Monitored implementation of conservation practices such as contour plowing, terracing, and crop rotation; provided technical assistance when needed.

#### Soil Conservationist I at Iowa Resource Conservation and Development, IA

Sep 2017 - Apr 2022

- Helped increase crop production by 15% through introduction of new soil conservation practices.
  - Implemented a successful water management plan that decreased water usage by 30%.
  - Negotiated and secured \$1 million in funding for state-wide soil conservation initiatives.
  - Developed an award-winning educational program on the importance of healthy soils.
  - Worked with farmers to implement Best Management Practices on over 500 acres of farmland.
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### Education

#### Bachelor of Science in Soil Conservation at Corning Community College, Corning, IA

Sep 2013 - May 2017

The coursework I've learned in Bachelor of Science in Soil Conservation has taught me about the importance of soil conservation and how to implement it.