

Riviera Coulliette

Agricultural Engineer

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📍 2310 Donleigh Court, Louisville, KY
40222

EDUCATION

B.S. Agricultural Engineer at Northeastern University, Boston, MA

Sep 2014 - May 2018

Soil management, crop production
and protection, water resources
engineering.

LINKS

[linkedin.com/in/rivieracoulliette](https://www.linkedin.com/in/rivieracoulliette)

SKILLS

Agricultural engineering principles

Soil and water conservation
engineering

Irrigation and drainage engineering

Agricultural structures and climate
control engineering

Farm machinery design and agricultural
production processes

Food science technology as it relates to
agriculture

Post-harvest food handling and storage

LANGUAGES

English

Dutch

PROFILE

An Agricultural Engineer with more than 5 years of experience in the field. Highly skilled in irrigation, drainage, and water resources engineering. Proficient in agricultural production systems, farm machinery, power transmission systems, soil mechanics principles and hydrology modelling software's. Experienced in project management and working as a liaison between different teams to ensure successful completion of projects within deadlines. Skilled at problem-solving and finding innovative solutions to achieve desired results. Committed to providing quality products/services that meet customer expectations while adhering to safety standards

EMPLOYMENT HISTORY

● Agricultural Engineer at John Deere - Illinois

Feb 2022 - Present

- Played a key role in increasing agricultural productivity through technological advances. Helped to develop and improve machines, equipment, and systems used in farming, forestry, food processing, and other agribusinesses.
- Developed new methods and technologies for conserving soil and water resources while maximizing crop yields. These efforts have helped to reduce the impact of agriculture on the environment while enhancing farmers' profitability.

● Senior Agricultural Engineer at Case IH - Wisconsin

Jul 2018 - Dec 2021

- Design and implementation of an irrigation system that increased crop yields by 20%.
- Development of a new type of livestock feed that resulted in 10% higher milk production levels.
- Creation of a computer program that helped farmers plan their planting and fertilization schedules, resulting in 5% higher overall yields.
- Introduction of a soil testing procedure that improved accuracy by 15%.
- Improved the design or function)of equipment used in farming, such as tractors, combines, or plows which lead to more efficient use time and/or less fuel consumption

CERTIFICATES

Certified Crop Advisor (CCA), CCA Certifications, Inc.

Sep 2020

Professional Agronomist (PAg), AgInfo Solutions

Feb 2019

Soil and Water Conservationist (SWC), Soil Conservation Services

Aug 2017

Production Specialist - Irrigation Management (PS-IM), PS-IM

Mar, 2017