



GTAC Presentation

Clara Cobb

B.S. Agricultural Engineering
Technology and Business



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Background

- Stanley, North Carolina
- Small hobby farm
- Fell in love with agriculture young
 - Greenhouses, animals
 - Research
- Law school?
Agriculture?



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Eco-Challenge

- Commissioners' School of Excellence '21 & '22
 - Bring students back to Gaston County
- Helped facilitate tours of local facilities focused on sustainability and clean resources



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International Ag Tour

- University of Guelph, Ontario
- Explored familiar areas of agriculture in Canada
- Differing rules and regulations
- Strong emphasis on “One Health” approach



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Mississippi State University

- Dept. of Ag and Bio Engineering
- Senior (Class of 2024)
- Ambassador for the College of Agriculture and Life Sciences
- Undergraduate Research position



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Automated Tactical Tillage Tool



- See a weed
- Identify weed
- Decide to engage sprayer or mechanical removal

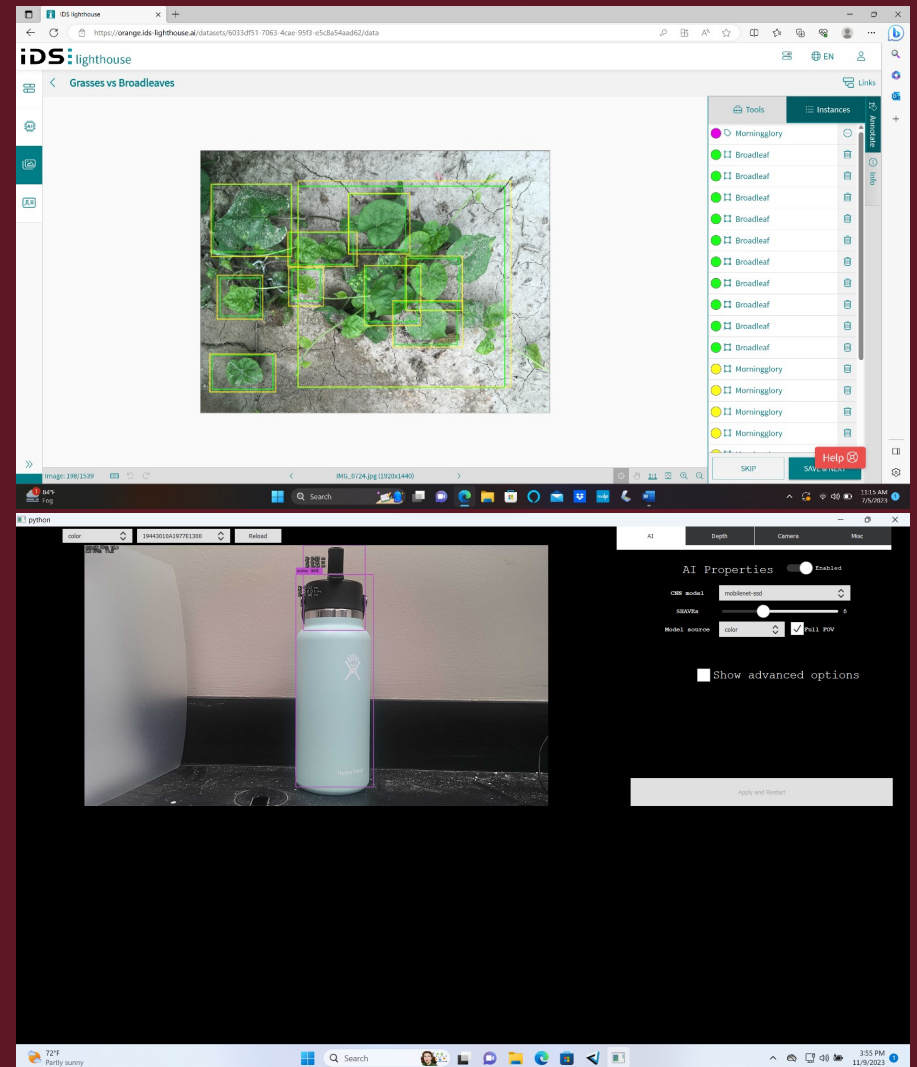


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Now and Later for the ATTT

- Training model
- Switching systems
- Transplantation and in-field evaluation



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Future Plans



Immediate

- Graduate school at Mississippi State!
- M.S. Engineering Technology
- Interests in poultry technology and greenhouses

Distant

- Farm-to-table operation that services the Charlotte, NC area



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Thank you!

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