

# Allison Mostecak

(845) 825-2113 | amostec@ncsu.edu

## PROFESSIONAL SUMMARY

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Committed agriculture student impassioned by creating enriching experiences for the next generation of farmers and pursuing entrepreneurship in dairy and vegetable produce production.

## EDUCATION

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**North Carolina State University** May 2019  
B.S., Plant and Soil Sciences Raleigh, NC  
Concentrations Agroecology Research, Sustainable Food Systems 3.7/4.0 GPA

## AGRICULTURE EXPERIENCE

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**Walt Disney World** May 2017-January 2018  
*Professional Horticulture Intern* Lake Buena Vista, FL

- Independently managed the Disney property's only chef garden through implementation of container gardening, hydroponic production, vertical growing systems, seeding and harvest scheduling, landscape design, arboriculture, plant propagation, and greenhouse pollination while following strict safety and harvest guidelines.
- Implemented integrated pest management techniques through insect identification, beneficial wasp and predatory mite greenhouse releases and participation in parasitic wasp rearing.
- Executed tissue culture production through the preparation of agar media solution and plant tissues in a sterile lab setting.
- Hosted weekly presentations and greenhouse tours for up to 30 guests and led monthly youth engagement activities.

**SOUL Organic Garden** January 2017-January 2018  
*Marketing and Publicity Manager* Raleigh, NC

- Volunteered 20+ hours per week with eight team members and mentored three interns to maintain garden operations (led the recruitment of 15 interns).
- Conducted grant writing and submitted campus and nationwide grant proposals resulting in funding available for garden installments (funds facilitated the building of a new greenhouse, a large tool shed, a pollinator garden, and an expanded garden space for students to rent on a semester by semester basis).
- Created and produced marketing materials to increase awareness of the garden among students and donors (through flyers, e-newsletters, social media, and outreach).

**Binghamton University, Department of Environmental Science** August 2015-January 2016  
*Researcher--Honeybee Colony Collapse Disorder* Binghamton, NY

- Analyzed the behavioral patterns of insect pollinators (including but not limited to honeybees, native bees, wasps, flies, butterflies, and ants) associated with prolonged exposure to various insecticidal formulations.
- Studied the complexity of the honeybee colony social structure to better understand the factor(s) associated with Colony Collapse Disorder.

**BU Acres Organic Farm** July 2014-December 2015  
*Volunteer Farmhand* Binghamton, NY

- Aided in supplying a campus of over 15,000 students with the vegetable produce of the local BU Acres Farm.
- Led a honeybee advocacy movement generated to procure honeybee hives on campus.
- Communicated with campus dining halls to encourage partnerships and education programs that convey the importance of supporting local farm operations.

## HONORS AND ACTIVITIES

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Scholarship recipient, **Southeast Produce Council** 2017-Present  
Trailblazer Leadership Award, **North Carolina State University TRiO STEM** 2014-Present  
Treasurer, **North Carolina State University "Feed the Pack" Food Pantry** 2017-2018  
Conference attendee, **Agriculture Future of America** 2017-Present  
**National Society of Leadership and Success** 2017-Present