



## *Company Information*

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The Pantheon is a business and innovation hub for emerging technology growth businesses in Vincennes, Indiana. We seek an intern in the summer of 2024 to participate in entrepreneurial activities and immerse themselves in agricultural innovation and technology commercialization. The Pantheon is located in Knox County, Indiana, the #2 county nationwide for melon production. One of the biggest pain points for melon producers is the labor costs. The internship will focus on the feasibility and initial design of robotic and/or autonomous melon harvesting technology.

## *Position Information*

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**Position Title:** Robotic & Autonomous Harvesting Intern

**Position Summary:** We seek a motivated and dynamic intern to join our team. The ideal candidate will be responsible for researching and designing robotic and autonomous equipment created for melon and cucurbit production. This intern will collaborate with local producers to identify harvesting automation and production operations challenges. Key responsibilities include researching the existing solution landscape, formulating design feasibility, and validating prototypes. This experience will provide hands-on opportunities to explore, design, and develop a solution that will enhance the operations of melon and cucurbit producers.

**Duration:** May 13 - August 9, 2024

**Location:** Pantheon Business and Innovation Theatre, Vincennes, Indiana

**Compensation:** \$18/hour and potential housing

**Schedule:** Monday-Friday, 8 AM to 4 PM, 1 hour lunch

**Direct Supervisor:** Nichole Like

**Support:** Drew Garretson and Brian Southern

## ***Projects & Deliverables***

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### ***Projects***

1. Field Feasibility Overview
  - a. Opportunities
  - b. Challenges
  - c. Market Intelligence
  - d. Problem Statement
  - e. Scope of Work
2. Initial Design Collaboration
  - a. Ideation
  - b. Validation (prototyping)

### ***Deliverables***

- End of the summer project presentation to Pantheon leadership and Pantheon Ag Tech Committee
- Development and design scope of robotic harvesting

## ***Requirements***

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- Current enrollment in ABE or ASM degree programs
- Strong analytical and problem-solving abilities
- Ability to work effectively within a team environment

## ***Perks***

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- Hands-on experience in a dynamic and supportive work environment
- Opportunity to learn and grow alongside industry professionals
- Networking with community stakeholders and business leaders
- Access to co-working space and amenities

. Send resume and cover letter to Nichole Like at [nlike@pantheontheatre.org](mailto:nlike@pantheontheatre.org) by February 2<sup>nd</sup> to apply.