

MECHANICAL ENGINEERING

INTERNSHIP OVERVIEW

PTx is passionate about using science and technology to improve agriculture. The PTx team develops innovative products that improve the lives of farmers and make agriculture more sustainable, efficient, and profitable. The PTx Engineering Intern will receive hands-on experience in different areas of product development based in Tremont, Illinois. This paid internship will focus on cutting-edge projects developing on-farm agricultural systems for advanced precision applications.

Responsibilities:

- Design and test new product concepts and technology
- Building prototypes in our high-tech machining and welding shop (hands-on machining and fabrication)
- Development of electrical, mechanical, and hydraulic control systems
- Operating agricultural equipment to conduct product testing
- Coordination, execution, and measurement of field-based product trials
- Printing 3D models of new designs on our in-house 3D printers
- Assistance for growers and dealers with installation of field trial equipment

Required Skills/Experience:

- Current enrollment in BS or MS degree program in Mechanical Engineering, Agricultural Engineering, or equivalent
- Cumulative GPA of at least 3.0/4.0
- Interest in exploring a career in agriculture-related engineering
- Detail and results oriented with the ability to work independently
- Excellent time management, organizational, and problem solving skills
- Proficiency in MS Word, Excel, PowerPoint
- Willingness to work outside and in the office
- Personal transportation
- Willingness to relocate to the Tremont/Peoria, IL area if necessary

Desired Skills/Experience:

- Prior farm experience or internship in similar area
- Willingness to travel if necessary for multiple days at a time

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