

Professional Internship – Engineering (multiple positions)

by Christine Bobst | Oct 11, 2022

Join the PowerPollen[®] team of global innovation leaders for pollination systems aligned on a mission to preserve & enhance global agricultural production, sustainability and profitability by enabling superior pollination systems.

What do you gain:

As a **Professional Intern for PowerPollen[®]**, you will have the opportunity and unique experience to join an industry revolutionizing team. Conducting and supporting science and discovery and making practical applications that are novel and first of their kind. We offer multiple Spring 2023 internship positions that are primarily focused on Engineering

Your role as a PowerPollen Professional Intern will include assisting engineers in implementing and supporting state-of-the-art systems which enhance yields in agricultural crops. This development work is designed to enable data driven decisions for process and technology enhancements moving into annual field production seasons. During the production season, our internship roles will support mechanical pollen collection, high throughput/large scale pollen preservation, and field application offering the opportunity to experience the full range and cycle of engineering design into production.

PowerPollen Professional Interns gain experience and credibility in their field of study and are offered the opportunity to learn and lead with their peers, team members, leadership team and often customers and partners.

What are we seeking:

Individuals that are highly organized with a strong aptitude for problem solving and innovation. Outside the box thinking is essential. If you are self-starter, comfortable working independently or as a collaborator within a high-performance team and willing to adapt to frequently changing work conditions, you've checked a box for us!

Some essential responsibilities:

- Aid engineering staff to create mechanical, pneumatic, and electrical system schematics, assemblies, specify parts, generate bill of materials, prototype creation including hands on fabrication, testing, and trouble shooting
- Assist in preparing estimates and proposals and prepare technical reports
- Take direction from and work under the mentorship of senior level engineering staff
- Plan and execute on multiple projects simultaneously and in a timely fashion
- End user testing and support during field operations

Engineering Professional Internship requirements:

- 2 years college level academics in biotech, agricultural, electrical, mechanical engineering, or related technology degree
- Working knowledge of SolidWorks, Pro E, OrCAD, Altium or similar CAD design software
- Proficiency in MS Windows, Office, Access, VISIO, and other related software packages
- Strong analytical ability, a methodical approach to problem solving, attention to accuracy and detail
- Aptitude and willingness to contribute on all levels of engineering projects

- Familiarity with the seasonality of agriculture and commit to the in-season time requirements including long days and weekends (typically July & August)
- Capable and interested in working in a fast-paced and diverse environments that includes indoor lab conditions and outdoor agricultural field conditions including high heat & humidity, insect exposure, uneven terrains, narrow and sight limited workspaces with active agricultural equipment in operation
- Willing to travel as needed (primarily Midwestern US) to conduct technology integration and testing
- Willingness to cross-train for other jobs within the organization as needed
- Ability to drive field / off-road vehicles for prolonged periods
- Able to maintain confidentiality and protection of PowerPollen critical and proprietary assets including systems, equipment, and knowledge
- Valid driver's license with good driving record
- Previous Co-op/Internship experience with an engineering firm helpful
- Prior farm, field, or agricultural work a plus

Physical Requirements:

The position involves physical activity including lifting objects up to 50 pounds, walking on uneven terrain, ability to tolerate heat and humidity typical of local field conditions, walking/standing or sitting for prolonged periods (field, lab or computer screen). Some extended hours that will vary with crop development in different locales may be necessary.

All applicants will receive consideration for employment regardless of their race, color, creed, religion, national origin, sex, sexual orientation, disability, age, marital status, or status with regard to public assistance. Must be legally authorized to work in the United States without sponsorship for employment visa status (e.g., H1B status).

PowerPollen® is an equal opportunity employer.