

## **Role: Biosystems Engineer Intern**

**Position Location: Windsor, WI**

### **Company Background:**

Genus (Parent company to ABS Global, PIC and R&D/IntelliGen) is a global FTSE 250 company, headquartered in the UK and listed on the London Stock Exchange. With revenues of around £500 million, Genus has a presence in over 70 countries, with a global workforce of approximately 3,200 employees. One of the best performing stocks on the London Stock Exchange, the Company's market capitalization is around £2 billion. **We are a worldwide leader in porcine and bovine animal genetics, partnering with farmers to transform how we nourish the world – a mission that is important to a sustainable future.**

Each generation of animals is selected based on a number of desired traits, including greater health, fertility, productivity or feed efficiency. With superior animal genetics, Genus helps its customers in the dairy, beef and porcine supply chains around the world produce offspring with improved robustness, superior production efficiency and greater sustainability. Genus's vision of "*pioneering animal genetic improvement to help nourish the world*" is supported by its core values to be customer-centric, results-driven, pioneering, people-focused and responsible.

**For more information on our student program, please visit- [www.startingatgenus.com](http://www.startingatgenus.com)**

### **Overall Responsibilities:**

- Work cohesively with the Biosystems Engineering team to develop tools that enable our research goals.
- Lead efforts to develop new analytical platforms using high throughput imaging: Identify and troubleshoot technical hurdles, design project plan to generate proof-of-concept data, and develop methodology based on proof-of-concept data.

### **Specific Accountabilities:**

- Formulate experimental plans and interpret data with mentorship from the Biosystems Engineering team.
- Independently execute experiments while maintaining a collaborative and safe laboratory environment.
- Track project progress and communicate progress to project stakeholders.
- Maintain accurate and specific records and manage/organize data.

### **Qualifications and Experience:**

- Experience with data analysis in Python and/or R preferred.
- Previous experience with analysis of image-based data a plus.
- Experience with biological lab techniques preferred including making biological media/buffers, liquid handling, and aseptic technique.
- Tissue culture and mammalian cell handling experience preferred.

**Capabilities and behaviors:**

- Live and display the Genus values at all times in their day-to-day activities.
- Maintain professional verbal and written communications with co-workers, internal and external customers, and vendors at all times.
- Be flexible with respect to job responsibilities, consistently strive to be an effective team member.
- Strive to advance your skills and display a willingness to accept future development.
- Actively participate in company training opportunities to develop skills applicable to the team.
- Gain an understanding of the company's business and the team's role within the company.