Job Title: Internship- High Throughput Design

About the Internship...

We are looking for a current student pursuing an AS or BS degree in a science-focused area such as Biology, Biotechnology, or Molecular Biology to join the Inari team for a 3 month paid summer internship. The Intern will gain hands on experience working with our High Throughput Design Team in a startup company. Interns can expect to learn and apply plant transformation methods. In addition to their independent research project, interns will interact and learn from Inari’s diverse team of scientists.

About Inari...

Inari Agriculture, Inc. is an exciting early stage, high growth company working to create a winning global food system for all. We’re taking a revolutionary approach to transform plant breeding and contribute to a transparent agriculture system that is climate resilient and respectful of the environment, promotes nutrition and health, empowers all farmers, and can continue to feed the growing global population. To solve these hard problems for world changing impact, we’re fearless in asking the questions no one else is, and determined to find the answers no one has yet.

Our success is dependent on great minds, collaborating to generate bright ideas and deliver exceptional outcomes.

Started in 2016 in Cambridge, MA, we have over 100 employees, and are now expanding our research and development capabilities with new facilities and teams in West Lafayette, IN and Ghent, Belgium. Our interdisciplinary R&D team brings expertise in biology, agronomy, genetics, data science, and software engineering, and is supported by an exceptional global Scientific Advisory Board. If you want to be part of a diverse and inclusive team developing unique solutions to feed the world without starving the planet we’d love to hear from you!

As an Intern, you will

- Perform plant tissue culture transformation in multiple crops (eg. soybean, corn)
- Initiate and maintain in vitro plant cultures in a high throughput setting
- Prepare plant tissue culture media
- Sample plant tissues for molecular and physiological analyses
- Isolate DNA from plant samples and perform PCR
- Maintain a clean working environment for plant tissue culture experiments
- Maintain detailed and organized records of your work, project data you generate and other information as needed
- Work with colleagues to troubleshoot and develop effective solutions when problems occur
- Participate in scientific discussions and present research outcomes to peers and management

You bring…

- Experience in a lab setting
- Coursework and interest in working with plants
- Understanding of molecular biology principles and techniques
- Understanding of basics tissue culture principles and techniques
- Ability to maintain a high degree of accuracy and attention to detail
- Ability to document work in a laboratory notebook
- Computer skills (Windows, MS Excel, MS Word).