

Job Description

Job Title: Crop Scientist

Job Nature: Permanent, Full Time

Qualification: Bachelors/ Masters/ PhD

Relevant Disciplines:

Hydroponics, Horticulture, Crop Science

About Archisen:

Archisen designs, develops and operates systems and solutions to grow ultra-fresh, ultra-local produce in urban cities. Our team has the experience in deploying different agricultural growing systems in indoor, open field and rooftop environments. We democratise urban farming and food access via IoT, automation and data analytics. You may find out more about us at www.archisen.com.

Overview:

You will play a critical role in keeping crops healthy and productive, determining how environmental conditions can be optimised to maximise plant yield and quality. It's important that you work well with a team and are comfortable working closely with farm managers, farm hands and farm engineers.

Responsibilities:

- Monitor, investigate & identify problems with plant growth/development as it relates to environmental conditions, and/or nutrient deficiencies
- Design & implement experiments to determine the effects of specific growing conditions on plant growth/development & convey findings to meet production goals
- Analyse large crop data sets to optimise crop yields & develop agricultural models
- Manage farm operations – seeding, transplanting, harvesting, monitoring & managing farm equipment
- Manage supply & demand of produce, coordinate delivery of produce

Requirements:

- Degree relating to biology, plant sciences or horticulture
- Understanding of basic experimental design, scientific methods, statistical design & analysis
- Familiar in growing plants, able to identify issues like pest & diseases
- Able to manage & work with people of different education & backgrounds
- Able to learn quickly & comfortable with farming equipment & technology
- Humble, teachable team-player who is enthusiastic & hard-working
- Proficient in Microsoft Office software

Bonus Requirements:

- Knowledge of plant physiology or agronomy
- Experience working in a greenhouse or indoor farm
- Programming skills

If you are interested please send your latest resume to hr@archisen.com.