

Agricultural Design & Analysis Trainee/Graduate Position - Toowoomba

Due to ongoing growth in advanced farming technologies, **MCA Ag Group** is seeking a motivated Agricultural Engineer Trainee or Graduate to join our team based in Toowoomba.

The Role

This is an exciting opportunity to work alongside our experienced **Ag Survey & Design** team, who will provide mentoring and support as you develop your skills on the job.

The position focuses on **agricultural design and spatial analysis**, working with LiDAR and other elevation data to produce **earthworks and farm layout designs** that improve drainage, reduce erosion, and enhance farm efficiency.

You'll also assist with agricultural GIS analysis, using layers such as elevation, NDVI, and EM data to assess field variability and develop variable rate application maps.

While primarily **office-based**, the position may include occasional fieldwork supporting our in-house surveyor, client meetings and project supervision/management.

This position offers a unique opportunity to apply and build your technical skills in **CAD design, spatial data processing**, and **precision agriculture**, while working on practical, real-world farming projects.

We're looking for someone with a positive attitude, strong critical thinking and problem-solving skills, and an understanding of general farming operations.

Desired Skills and Experience

While not essential, it would be advantageous to:

- Have recently completed or be nearing completion of a degree preferably in **Agricultural Engineering**, or associated degrees in Agronomy, Soil Science, Engineering, Surveying, Data Science, GIS or Computer Science.
- Demonstrate a strong interest in **agriculture**, and a desire to innovate and continually improve.
- Be self-motivated, analytical, and capable of working both independently and as part of a team.
- Have a basic understanding of **geospatial** and **precision agriculture technologies**, including GPS, drones, and remote sensing.
- Be enthusiastic and committed to delivering high-quality outcomes for clients.
- Possess strong communication skills, with the ability to clearly explain technical concepts.
- Be computer proficient, ideally with experience in **CAD, GIS & Farm Management** software.
- Hold a **current driver's licence (required)**.

About Us

MCA Ag Group is an independent agronomy and farm management business, working with broadacre, cotton and irrigated farming clients across southern Queensland and northern New South Wales.

With over 30 years in the industry, we offer a supportive and friendly workplace, ongoing professional development, and genuine opportunities for career growth. For more information, our website is at www.mcaag.com.au.

An attractive salary package will be negotiated based on skills and experience, and includes a work vehicle, phone, and computer.

Applicants who are passionate about the industry, but who may not meet every requirement are still strongly encouraged to apply.

To Apply

Please submit your resume and a cover letter outlining your interest in the role to:

Michael Castor

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MCA Ag Group

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