

# BLAIR BATEMAN

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Precision Agricultural Specialist with over 10 years of experience in farming and agricultural technology, including hands-on experience with farm management software, platform management, and GIS data. I work as a Research Technician at Olds College Centre for Innovation, specializing in precision ag technology, including the processing of farm equipment data, sensors, and satellite imagery. I manage and continue to develop the Olds College Data Vault, providing access to various agricultural datasets collected at Olds College used for research and educational purposes. I am passionate about learning and developing new skills.

## CORE COMPETENCIES

- **Agriculture Expertise:** Operating equipment, managing the equipment platform, prescription development, profit and loss analysis, and trial analysis.
- **GIS Expertise:** Creating vegetative indices, metadata tracking, managing and updating data, working with QGIS, ArcGIS Pro
- **Software Expertise:** Google Script App, AgExpert Fields, Ag Leader SMS Advanced, JD Ops, Trimble Ag Software
- **Technical Translation:** Ability to convert complex data into farmer-friendly insights and provide recommendations to agtech companies to meet user needs.
- **Project Management:** Strategic Planning, Process Optimization, Working with teams and stakeholders to meet project goals

## EDUCATION

**Applied Data Science with Python for Beginners Certificate** | 2026

Codecademy

**AI Fundamentals Certificate** | 2025

DataCamp - AI concepts, domains, and Generative AI ethics

**DataCamp Statement of Accomplishment** | 2025

Data Skills for Business & Data Literacy Professional & Google Sheets Fundamentals

**Project Management for Information Technology Certificate** | 2023 - 2024

NAIT (Northern Alberta Institute of Technology)

**Precision Agriculture Techgronomy Diploma** | 2021 - 2023

Olds College of Agriculture & Technology

**Basic Drone Licence** | 2022

**Class One Driver's Licence** | 2016

## EMPLOYMENT

### RESEARCH TECHNICIAN - PRECISION AG SPECIALIST | Apr 2023 - Present

*Olds College of Agriculture & Technology, Olds, Alberta*

- Coordinated an RDAR-funded project with Alberta Grains, working with local producers to implement machine learning solutions for on-farm precision experimentation research trials using producers' equipment.
- Managed field data on John Deere Operation Centre, AgExpert Fields, SMS Advance, etc
- Collaborated on many research projects, which include project development, data collection, data management, stakeholder engagement, and report writing.
- Identify improvement opportunities in agricultural data storage, implementing solutions that enhance accessibility for faculty, students, and researchers.

### RESEARCH ASSISTANT | May 2022 - Apr 2023

*Olds College of Agriculture & Technology, Olds, Alberta*

- Coordinated research project for the Smart Ag Applied Research Department, which included a literature review, data collection, analysis and report writing.
- Collaborated with cross-functional precision ag teams to conduct research projects, which included tasks like field scouting, detailed observational data, and preparing data for analysis.

### EQUIPMENT OPERATOR | Aug 2016 - May 2021

*Delage Farms Ltd., Indian Head, Saskatchewan*

- Operated advanced agricultural equipment on a 30,000-acre modern farm, including a Case IH Patriot 4440 sprayer with a Viper 4+ system, gaining a deep understanding of farmer operational challenges
- Maintained detailed records using Trimble Ag software, developing expertise in farm management systems and data collection processes
- Trained team members on seed treater, sprayer, and grain cart operations, demonstrating ability to translate technical knowledge into practical training
- Implemented farm technology solutions, including Wi-Fi and security systems, showcasing problem-solving skills and technology adoption leadership
- Worked part-time from March 2018 to May 2021 and went backpacking to explore the world.